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BALDERSON COMPANY, Inc.

SEEDSMEN

WASHINGTON, D. C.

610 PENNSYLVANIA AVE.



Everything
for the
Farm and
Garden



D. N. SIMMONS



Washington Lawn Grass.

Balderson's Washington Lawn Grass

Never fails to produce a beautiful dark green, velvety lawn. It is composed of high-grade grasses, mixed in the proper proportions to insure a permanent lawn. Some of the most attractive lawns in and about our Capital City, including many public buildings, have been obtained through the use of this seed.

DIRECTIONS: A beautiful lawn can be obtained by seeding either in Spring or Fall.

Thorough preparation of the soil is absolutely necessary. The ground should be deeply plowed or spaded, thoroughly pul-

verized and raked. All sticks, stones and shrubbery should be removed. Sow seed at the rate of one pound to three hundred square feet.

TO RENEW OLD LAWNS seed should be sown on all bare spots, after which the lawn should be raked. If your grass is not thick enough, stir the soil with a sharp rake and sow more seed.

Price—Lb. 40c; 10 lbs. 35c per lb.; 30 lbs. or over 30c per lb.

Balderson's Washington Shady Lawn Grass

To secure a satisfactory Lawn in shady places, use our Washington Shady Lawn Seed, it will produce a luxuriant growth of green grass under trees. The grasses which we use in this mixture are those especially adapted for growing in shady places, it never fails.

Price—Lb. 45c; 10 lbs. 40c per lb.; 30 lbs. and over, 35c per lb.

THE "LAWN MIST" SPRINKLER

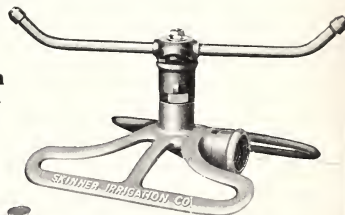
The nozzles break up the water into a cloud of fine mist just as soon as it leaves the pipe. It is the finest spray that can be successfully used outdoors. With it you can water newly seeded lawns or the most delicate plants. Is 9½ feet long and has four spray clusters of three nozzles each.



Price

\$9.00

**Mor-Rain
Sprinkler
\$3.00**



**Tu-Way
Sprinkler, \$1.00**

GREETINGS for the YEAR 1928

A GAIN we have the pleasure and privilege of sending you our annual Catalogue, which, we feel, you will find if anything even more helpful than those we have published in the past.

We want especially to express our appreciation for your valued orders during the past year, and our satisfaction that you have found our seeds and our service up to your highest expectations. The expansion of our business since we moved to our larger quarters, at 610 Pennsylvania Avenue, N. W., has given us improved opportunities for serving old friends and making new ones.

Not only have we the stocks, the organization and the facilities to make this your logical place of supply for the seeds best suited to your climate, we have also the earnest spirit of cooperation that we strive to make more and more valuable to you in your farm and garden.

It will undoubtedly interest you to know that Balderson Company, Inc., will be conducted under the personal and constant supervision of Mr. Russell Balderson, president and general manager, who has had twenty-two years' experience in the seed and implement business. He was for nineteen years manager of the Neumeyer Company, and for the past three years has been senior member of the firm of Balderson & Hayden.

As to the seeds offered in this catalog, they are confined strictly to successful varieties of vegetables and flowers, grown by men who have made their work almost a religion, and who stake their reputation on the quality of their product.

Our standard lines of Garden Tools and Farm Equipment from the foremost manufacturers in America are as favorably known as are our seeds. Their extensive sale attests to the wisdom of our selection. Prices are uniformly moderate.

CONSULT US—WITHOUT COST OR OBLIGATION

We are extremely interested in the gardening and farming problems and practices of our customers. At all times we are willing and anxious to give any information within our power and quote prices on our merchandise. Many customers have found true economy in inviting our counsel and cooperation on seed matters. We want you to use our correspondence department freely.

Cordially yours,

BALDERSON COMPANY, INC.,

Washington, D. C.

IMPORTANT NOTES AND SUGGESTIONS

The attention of our customers is respectfully called to the following information, which, if followed, will avoid misunderstandings and be an aid to purchasers as well as ourselves.

How to Send Money—Remittances may be sent us either in the form of a Money Order, Bank Check or Draft, or if it is more convenient to send money it should be registered. Postage stamps are also acceptable for small amounts, provided they are carefully wrapped to prevent sticking.

We Make No Charge for Drayage or delivery of goods to any railroad station, steamship line or express office, all quotations being f. o. b. Washington, D. C. Cotton Sacks to hold Clavers, Timothy, Rape and all fine and heavy seed are charged for at current value.

WE DELIVER FREE to any Postoffice all vegetable seeds mentioned in this catalogue, if in packets, ounces, quarter or half pounds, pints and pounds. Purchasers must pay charges on quarts, pecks or bushels, and on all agricultural tools and fertilizers.

Seeds by Express—Express rates will average somewhat lower than Parcel Post rates on packages exceeding 10 lbs. In weight to points beyond the third zone, so when packages of 10 lbs. or more are ordered to be sent beyond this zone we would recommend forwarding by Express, as we believe in such cases, the service will not only be cheaper, but quicker. Customers ordering goods shipped by Express C. O. D. or by freight S. D. B. L. Attached, must remit one-fourth of the amount with their order as an evidence of good faith. Under no circumstances will we ship perishable goods C. O. D. It is impracticable to make freight shipments C. O. D. to points where there is no bank.

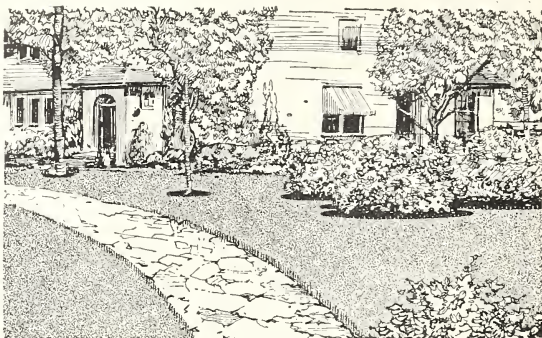
Orders from Unknown Correspondents—We often receive orders from unknown correspondents requesting that we forward the goods ordered and "I will mail check." It can readily be seen that this is impracticable, as we could not afford to establish such a precedent. Please do not ask us to do this unless established credit has been previously arranged with us, as satisfactory business references must always be given by customers wishing to open accounts for credit. You run no risk in sending cash with your order. Our reputation as honest and experienced Seedsmen is well known, while our financial responsibility can be learned from any Bank, Trust Company, or Wholesale Merchant, who are subscribers to either of the Commercial Agencies.

Errors—Our firm with its money invested, its success and reputation at stake, could not permit an error to stand uncorrected. We exercise great care to prevent errors, but human hands and minds must be depended upon which are not infallible, and mails will miscarry, but please remember this, that the complete satisfaction of our customers is our first wish, and if an error is made we are more anxious to correct it than you could be to have us do so, and an opportunity to make restitution is always sincerely appreciated.

About Warranting Seeds—We exercise great care in growing, buying, examining and testing our Seeds, and we try in every department of the business to guard against mistakes and insure reliability. We maintain an up-to-date laboratory for accurate and systematic seed-testing, and our customers can rest assured that all Seeds purchased from us have been tested thoroughly and carefully tested, and under favorable conditions and with proper cultivation will grow good crops, yet no Seedsmen can, or ever does in good faith, assume any responsibility for crops grown from Seeds supplied by them, there being too many causes known and unknown which prevent this. Therefore, in common with all responsible seed houses, we sell all seeds subject to the following disclaimer, which has been universally adopted by the Seed Trade throughout the world, and it must be fully understood and agreed that all orders sent us are given and accepted only under these conditions.

BALDERSON COMPANY, INC., "give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and will not be responsible for the crop." This does not mean that we lack confidence in our Seeds. On the contrary, we have every confidence in them. It must be apparent to every intelligent person that we could not afford to send out inferior seeds as there could be no more certain way of destroying our business, but we have no control over the Seeds after they leave our hands. Especially is this true as to weather conditions, the methods of planting, cultivating and fertilizing, all of which are important factors in the outcome of any crop. If we should warrant or guarantee our Seeds in any way, we might be held responsible for the crop, regardless of the cause, and this is a responsibility which, as can readily be seen, we cannot assume.

owing to the unsettled condition of the market on goods listed in this Catalog, all prices are subject to change without notice.



Use VIGORO and Have A Velvety Green Lawn

Good seed and the right kind of plantfood are essential. To have a thick, dark green lawn, use VIGORO, the plantfood specially prepared to supply grass and other plants with all of the plantfood elements needed for rapid and sturdy growth.

Delicious Home Grown Vegetables

To have early, succulent vegetables, use disease-free seed and VIGORO.

Vegetables are heavy feeders and must be fed the right plantfood. VIGORO contains all of the plantfood elements needed for maximum development.

Flowers—Beautiful and Fragrant

Don't wish for beautiful flowers—have them by using hardy, disease-free seeds, plants, bulbs, and VIGORO. Prizes are being won throughout the country with flowers grown with VIGORO.

Luxuriant Shrubbery—Stately Trees

Trees and shrubbery, like all other plants, must be fed the right nourishment the same as human beings or they become "stunted" and lose the beauty that we so admire. Then, too, undernourished trees and shrubbery are more susceptible to disease and insect pests.

VIGORO supplies the nourishment needed for maximum growth, beauty, and production. Complete directions in every bag.

Clean, Odorless, Easy to Apply.



VIGORO
Specially prepared plant food

100-lb. bag \$5.00

50-lb. bag 3.00

25-lb. bag \$1.75

5-lb. pkg. .60



A Swift & Company Product

Parcel Post Rates and Information

	POUNDS	First and Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 300 to 450 Miles	Fifth Zone 450 to 600 Miles	Sixth Zone 600 to 750 Miles	Seventh Zone 750 to 900 Miles	Eighth Zone All over 900 Miles
		\$.07	\$.08	\$.09	\$.10	\$.11	\$.13	\$.14
1	22	.08		.13	.16	.19	.27	.26
2	22	.10	.12	.17	.22	.27	.33	.33
4	10	.14	.16	.21	.28	.35	.43	.42
5	6	.16	.16	.25	.34	.43	.53	.58
6	5	.12	.18	.26	.40	.51	.63	.76
7	19	.19	.32	.33	.46	.69	.77	.86
8	14	.22	.37	.52	.67	.83	.93	.98
9	15	.24	.41	.58	.75	.93	.98	1.10
10	16	.26	.45	.64	.83	1.03	1.03	1.10
11	17	.28	.49	.70	.91	1.13	1.34	1.46
12	18	.30	.53	.76	.99	1.23	1.46	1.58
13	19	.32	.57	.82	1.07	1.33	1.58	1.68
14	20	.34	.61	.88	1.15	1.43	1.70	1.78
15	21	.36	.65	.94	1.23	1.53	1.84	1.94
16	22	.38	.69	1.00	1.31	1.63	1.94	2.06
17	23	.40	.73	1.06	1.39	1.73	2.06	2.18
18	24	.42	.77	1.12	1.47	1.83	2.18	2.30
19	25	.44	.81	1.18	1.55	1.93	2.30	2.42
20	26	.46	.85	1.24	1.63	2.03	2.42	2.54
21	27	.48	.89	1.30	1.71	2.13	2.54	2.66
22	28	.50	.93	1.36	1.79	2.23	2.66	2.78
23	29	.52	.97	1.42	1.87	2.33	2.78	2.90
24	30	.54	1.01	1.48	1.95	2.43	2.90	3.02
25	31	.56	1.05	1.54	2.03	2.53	3.02	3.14
26	32	.58	1.09	1.60	2.11	2.63	3.14	3.26
27	33	.60	1.13	1.66	2.19	2.73	3.26	3.38
28	34	.62	1.17	1.72	2.27	2.83	3.38	3.50
29	35	.64	1.21	1.78	2.35	2.93	3.50	3.62
30	36	.66	1.25	1.84	2.43	3.03	3.62	3.74
31	37	.68	1.29	1.90	2.51	3.13	3.74	3.86
32	38	.70	1.33	1.96	2.59	3.23	3.86	3.98
33	39	.72	1.37	2.02	2.67	3.33	3.98	4.10
34	40	.74	1.41	2.08	2.75	3.43	4.10	4.22
35	41	.76	1.45	2.14	2.83	3.53	4.22	4.34
36	42	.78	1.49	2.20	2.91	3.63	4.34	4.46
37	43	.80	1.53	2.26	2.99	3.73	4.46	4.58
38	44	.82	1.57	2.32	3.07	3.83	4.58	4.70
39	45	.84	1.61	2.38	3.15	3.93	4.70	4.82
40	46	.86	1.65	2.44	3.23	4.03	4.82	4.94
41	47	.88	1.69	2.50	3.31	4.13	4.94	5.06
42	48	.90	1.73	2.56	3.39	4.23	5.06	5.18
43	49	.92	1.77	2.62	3.47	4.33	5.18	5.30
44	50	.94	1.81	2.68	3.55	4.43	5.30	5.42
45	51	.96	1.85	2.74	3.63	4.53	5.42	5.54
46	52	.98	1.89	2.80	3.71	4.63	5.54	5.66
47	53	1.00	1.93	2.86	3.79	4.73	5.66	5.78
48	54	1.02	1.97	2.92	3.87	4.83	5.78	5.90
49	55	1.04	2.01	2.98	3.95	4.93	5.90	6.02
50	56	1.06	2.05	3.05	4.03	5.03	6.02	6.14

Practically all articles listed in this Catalog other than poisons and liquids may be sent by Parcel Post, and as a convenience to our customers we are quoting postpaid all Garden Seeds in quantities up to one pound, but when larger quantities are ordered sent by mail add the necessary postage as per the rate table which is very convenient and shows at a glance the amount of postage required on packages of all weights admitted to the mails. When pounds are ordered, remit postage for two pounds; when two pounds are ordered remit postage for three pounds, and so on, as the wrapping and packing of the package will make it run over the actual weight ordered. When figuring the amount of postage, if in doubt as to the exact amount required, you can remit even more than you think necessary, and we will return the amount not needed, as we cannot forward packages postage collect, nor charge on our books small amounts due for postage stamps.

Parcel Post Rates Applicable to All Goods Listed in Our Catalog

Your Postmaster will tell you the Parcel Post Zone in which your Post Office is located, measuring from Washington.

All Seeds and Plants shipped by mail take Parcel Post rates. Packages up to 8 ounces in weight are carried at the rate of one cent for every two ounces, regardless of distance. Packages over 8 ounces are charged by the pound. Distances and rates are shown in table. Packets by Parcel Post are handled like any other mail matter. They are delivered to your box by Rural mail carrier, if you live on a rural route, or delivered to your door if you live in a city where there is carrier service, or delivered to your local post office, if you live where there is no carrier service.

Lower Freight Rates and Quick Shipments

For large orders, shipments by freight are much cheaper than by express. Washington is one of the best distributing points in this country, railroads radiating in every direction, giving prompt and efficient service and low freight rates, so that customers can depend on having orders filled promptly and delivered without delay.

Fluctuation in Prices

Seed Potatoes, Onion Sets, Grass and Clover Seeds, Seed Grain and other field seeds, fluctuate in price, depending upon market conditions and supplies. The prices given in this catalog are those ruling at the time it is printed, the first of February. We shall take pleasure at any time in quoting prices on request, or will fill all orders entrusted to us at as low prices as possible for first-class seeds.

If you wish your Parcel Post package insured, please so state on your order, remitting extra for this at the rate of 5 cts. for each \$10.00 value or less.

65	.71	1.36
66	.72	1.38
67	.73	1.40
68	.74	1.42
69	.75	1.44
70	.76	1.46

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PLANTING, MATURITY AND WEIGHT TABLE

THIS CAREFULLY PREPARED TABLE ANSWERS HUNDREDS OF QUESTIONS MOST GARDENERS AND FARMERS WANT TO KNOW.

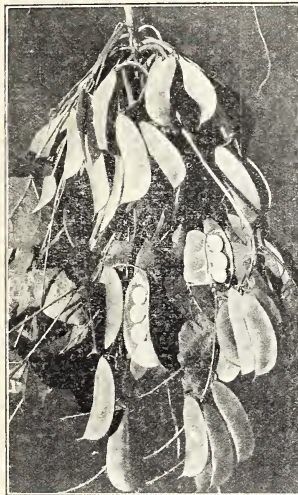
This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plant should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seeds are sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Washington, therefore allowances should accordingly be made for more Northern or Southern climates.

VARIETY	Time to Sow or Plant.	Quantity to Sow or Plant per Acre.	Distance Apart in Rows	Distance Between Rows.	Ready for Use	No. of Lbs. of Seed Per Acre.
Alfalfa	Feb., Mch. & Aug. to Oct. 15th.	30 lbs.	Broadcast.	Broadcast.	May of next year.	60 lbs.
Artichokes—Tubers	Mch. and Apr.	6 to 8 bws.	18 inches.	3 feet.	October.	50 lbs.
Asparagus—Seed	Mch. and Apr.	8 to 10 lbs.	4 inches.	18 inches.	3 years.	50 lbs.
Asparagus—Roots	Feb., Mch., Nov.	4,000 to 7,000.	12 to 18 inches.	5 to 8 feet.	2 years.	50 lbs.
Beans—Dwarf Snap	Apr. to Sept.	50 lbs.	3 to 4 inches.	2 1/2 to 3 feet.	8 weeks.	50 lbs.
Beans—Dwarf Lima	May, June, July.	20 lbs.	18 ins. to 2 ft.	3 feet.	10 weeks.	60 lbs.
Beans—Pole	May and June.	15 lbs.	3 feet.	12 weeks.	60 lbs.	60 lbs.
Beans—Navy	June and July.	20 lbs.	12 inches.	2 1/2 to 3 feet.	October.	60 lbs.
Beans—Soja (In drills)	May and June.	30 lbs.	5 to 12 inches.	3 feet.	September.	60 lbs.
Beans—Soja	May and June.	75 to 90 lbs.	Broadcast.	Broadcast.	September.	50 lbs.
Beans—Velvet	May	50 lbs.	Broadcast.	Broadcast.	Sept. and Oct.	60 lbs.
Beans—Velvet Drill	May	50 lbs.	12 inches.	3 feet.	Sept. and Oct.	60 lbs.
Barley	Aug. to Nov.	50 to 75 lbs.	Broadcast.	Broadcast.	June.	48 lbs.
Beets—Table	Feb. to Aug.	6 to 8 lbs.	4 inches.	2 feet.	2 months.	60 lbs.
Beets—Stock	Apr., May, June.	5 to 8 lbs.	6 inches.	2 1/2 to 3 feet.	October.	60 lbs.
Buckwheat	June to Aug. 15th.	50 lbs.	Broadcast.	Broadcast.	October.	48 lbs.
Cabbage Seed—(Early)	Feb., Mch., Apr. and Sept.	8 ounces.	Broadcast.	Broadcast.	May, June, July	60 lbs.
Cabbage Seed—(Late)	Sept.	6 ounces.	Broadcast.	Broadcast.	Oct. and Nov.	60 lbs.
Cabbage Plants—(Early)	Mch., Apr., Nov.	8,000 to 10,000.	18 inches.	3 feet.	May, June, July.	60 lbs.
Cabbage Plants—(Late)	July and Aug.	6,000 to 8,000.	2 to 3 feet.	2 to 3 feet.	Oct. and Nov.	60 lbs.
Carrot	Mch. to June.	3 to 4 lbs.	3 to 4 inches.	2 to 3 feet.	60 days.	60 lbs.
Celery—Seed	Feb. and Mch.	3 lbs.	2 to 4 inches.	1 1/2 to 2 feet.	November.	60 lbs.
Celery—Plants	July and Aug.	15,000 to 25,000	6 to 12 inches.	4 feet.	November.	60 lbs.
Clover—Red and Mammoth	Feb., Mch. & July to Nov. 1st.	12 lbs.	Broadcast.	Broadcast.	June to next year.	60 lbs.
Clover—Alsike	Feb., Mch. & July to Nov. 1st.	10 lbs.	Broadcast.	Broadcast.	June to next year.	60 lbs.
Clover—Crimson	July to Nov.	20 lbs.	Broadcast.	Broadcast.	May to next year.	60 lbs.
Clover—Sweet	Mch. and Sept.	15 to 20 lbs.	Broadcast.	Broadcast.	May.	50 lbs.
Corn—Garden	Aug. and Sept.	12 to 20 lbs.	Broadcast.	Broadcast.	2 to 3 months.	44 to 50.
Corn—Field (drill)	Apr. to July 15th.	12 to 12 lbs.	12 to 18 inches.	3 to 4 feet.	4 months.	56 lbs.
Corn—Field (checked)	Apr. to July 1st.	10 to 12 lbs.	3 1/2 to 4 feet.	3 1/2 to 4 feet.	3 to 4 months.	56 lbs.
Corn—For silage	June to Aug.	2 to 3 lbs.	2 to 3 feet.	2 to 3 feet.	2 months.	40 lbs.
Egg Plant—Seed	Feb. and Mch.	5 ounces.	Broadcast.	Broadcast.	3 to 4 months.	60 lbs.
Egg Plant	May and June.	5,000 to 6,000.	3 feet.	3 feet.	60 days.	60 lbs.
Grass Seed—(Light)	Feb. to Apr. 10th.	30 lbs.	Broadcast.	Broadcast.	June of next year	14 lbs.
Grass Seed—(Timothy)	Feb. and March.	15 lbs.	Broadcast.	Broadcast.	June to next year.	45 lbs.
Grass Seed—(Lawn)	*Feb. and Mch.	60 to 8 lbs.	Broadcast.	Broadcast.	8 to 10 weeks.	20 lbs.
Kale—Spring	*Feb. to May 1st.	8 to 10 lbs.	Broadcast.	Broadcast.	4 to 6 weeks.	60 lbs.
Kale—Winter	Aug. to Nov.	2 to 4 lbs.	Broadcast.	Broadcast.	November.	60 lbs.
Lettuce—Seed	Feb. to May.	2 lbs.	Broadcast.	Broadcast.	2 to 3 months.	60 lbs.
Lettuce—Plants	Feb. to March and Aug. to Nov.	20,000 to 40,000.	8 to 12 inches.	18 to 24 inches.	3 months.	60 lbs.
Muskmelon or Cantaloupe	May and June.	2 lbs.	4 to 6 feet.	4 to 6 ft.	2 to 3 months.	60 lbs.
Melon—Water	May and June.	2 lbs.	8 to 10 feet.	8 to 10 feet.	3 months.	60 lbs.
Millet—German	May to Aug. 1st.	50 to 75 lbs.	Broadcast.	Broadcast.	60 days.	50 lbs.
Oats—Spring	Mch. and Apr.	50 to 65 lbs.	Broadcast.	Broadcast.	Last half of June.	32 lbs.
Oats—Winter	Aug., Sept., Oct.	65 lbs.	Broadcast.	Broadcast.	June 20 to July 1.	50 lbs.
Okra	Apr. and May.	8 to 10 lbs.	8 to 10 inches.	2 1/2 to 3 feet.	60 days.	60 lbs.
Onions—For large bulbs	Mch. and Apr.	4 to 5 lbs.	3 inches	15 to 24 inches	July and Aug.	60 lbs.
Onions—For sets	Mch. and Apr.	30 to 40 lbs.	12 to 18 inches.	12 to 18 inches.	July and Aug.	60 lbs.
Onion—Sets	Feb. to May and Sept. and Oct.	175 to 200 lbs.	4 inches.	18 to 24 inches.	May and June.	32 lbs.
Parsnips	Mch. and Apr.	5 to 7 lbs.	5 inches.	1 1/2 to 2 feet.	October.	60 lbs.
Peanuts	May and June	25 to 35 lbs.	15 to 18 inches.	3 feet.	November.	22 lbs.
Peas—Garden Smooth	Feb. to May.	100 lbs.	2 to 4 inches.	3 feet.	8 weeks.	60 lbs.
Peas—Garden Wrinkled	Mch. to May	100 lbs.	2 to 4 inches.	3 feet.	8 to 10 weeks.	56 lbs.
Peas—Canada Field	Feb. to May and in November.	100 lbs.	Broadcast.	Broadcast.	June.	60 lbs.
Peas—Cow	May to Aug. 1st.	90 lbs.	Broadcast.	Broadcast.	3 months.	60 lbs.
Pepper—Seed	Feb. and March.	50 to 60 lbs.	Broadcast.	Broadcast.	July and Aug.	60 lbs.
Pepper—Plants	May and June.	10,000 to 14,000.	18 inches.	30 inches.	July and Aug.	60 lbs.
Potatoes—Early—Early	Mch. and Apr.	8 to 12 bushels.	15 to 18 inches.	2 1/2 to 3 feet.	June and July.	60 lbs.
Potatoes—Irish, Late	June and July.	8 to 12 bushels.	15 to 18 inches.	2 1/2 to 3 feet.	Oct. to Nov.	60 lbs.
Potatoes—Sweet, Plants	May 10, June 15.	7,000 to 8,000.	18 to 24 inches.	3 feet.	September.	60 lbs.
Pumpkin	May and June.	2 lbs.	8 to 10 feet.	8 to 10 feet.	October.	60 lbs.
Radish	Feb. to May and Aug. and Sept.	20 lbs.	Broadcast.	Broadcast.	24 to 40 days.	60 lbs.
Rape	Feb. to Oct.	10 to 12 lbs.	Broadcast.	Broadcast.	6 to 8 weeks.	56 lbs.
Rye	Aug. to Dec.	60 to 80 lbs.	Broadcast.	Broadcast.	June.	56 lbs.
Salsify	Mch. to May 10th.	6 to 8 lbs.	3 to 4 inches.	14 to 25 feet.	October.	60 lbs.
Sorghum—For Fodder	May and June.	75 to 150 lbs.	Broadcast.	Broadcast.	Sept. and Oct.	50 lbs.
Sorghum—(In drills)	May and June.	20 lbs.	4 to 6 inches.	3 feet.	November.	50 lbs.
Spinach—(In drills)	Feb., Mch., Apr. & Aug. to Nov.	20 lbs.	2 inches.	15 to 18 inches.	60 days.	60 lbs.
Spinach—(Broadcast)	Feb., Mch., Apr. & Aug. to Nov.	40 lbs.	Broadcast.	Broadcast.	60 days.	60 lbs.
Squash	Apr., May, June.	3 lbs.	4 feet.	4 feet.	July.	60 lbs.
Teasite	May and June.	4 to 5 lbs.	3 to 10 inches.	3 to 4 feet.	Aug. to Oct.	60 lbs.
Tobacco—Plants	May and June.	4,000 to 5,000.	2 to 3 feet.	3 to 4 feet.	Sept. to Oct.	60 lbs.
Tobacco—Seed	Feb. to June.	6 ounces.	Broadcast.	Broadcast.	June 20 until frost.	60 lbs.
Potato—Plants	May to July.	2,000 to 3,000.	2 to 3 feet.	2 to 3 feet.	June 20 until frost.	60 lbs.
Turnip	July 1 to Sept. 15.	1 to 1 1/2 lbs.	4 inches.	2 feet.	14 to 2 months.	60 lbs.
Turnip—(Broadcast)	July 1 to Sept. 15.	2 lbs.	Broadcast.	Broadcast.	14 to 2 months.	60 lbs.
Vetch—Winter	Aug. to Nov.	30 lbs.	Broadcast.	Broadcast.	May of next year.	60 lbs.
Wheat	Sept. to Nov. 15	75 to 100 lbs.	Broadcast.	Broadcast.	June 20.	60 lbs.

*Sept. and Oct.

Balderson's High Grade Specialties

KNOWN FOR THEIR SUPERIOR QUALITY AND ABUNDANT YIELD



Balderson's Improved Bush Lima Beans.

BALDERSON'S TELEPHONE PEAS.—Productive, sugary; pods contain 6 to 7 peas; late. Height, 4 ft. One of the most popular sorts for the main crop. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$10.00.

BALDERSON'S EARLY WHITE-TIPPED FORCING RADISH.—This Radish is extremely popular, both for gardeners and private use. The outer skin is of bright crimson color with white tip; making a nice turnip-shaped, clean-root. On account of its small top it is largely used for forcing and very satisfactory for early use outdoors. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Balderson's Copenhagen Market Cabbage.



thick but not like Fordhook. White tinged with green. Very broad, dark foliage. Sturdy and 10 days earlier than any large-podded pole lima. Pods 4 to 5 inches long, medium green and averaging 3 to 4 rather flat beans to the pod. Very productive, vigorous plant. Popular with the market gardeners. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$13.00.

BALDERSON'S IMPROVED EARLY BLOOD TURNIP BEET.—Dark red, smooth; uniform; a good variety for home use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSON'S EARLY WHITE BUSH SQUASH.—Early, cream color, very prolific; nice size; good shipper; the most popular variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.



Balderson's Knight Cantaloupe.

BALDERSON'S KNIGHT CANTALOUPE.—About a week earlier than the Rocky Ford, but larger, is of uniform size; has thick, green flesh, of splendid flavor and appearance. A favorite market variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

BALDERSON'S COPENHAGEN MARKET CABBAGE.—A very early large flat-head Cabbage, maturing with the Charleston Wakefield. On account of its earliness, combined with its large size, it has become a favorite market Cabbage. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

BALDERSON'S PREMIUM LATE FLAT DUTCH CABBAGE.—One of the most popular winter Cabbages. Has large, solid, flat heads. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.75.

BALDERSON'S MONEY-MAKER CORN.—About 100 days to edible condition. Rather late, consequently demands early planting. Best Sugar Corn in existence. Best ever introduced. Grains set close, averaging 8 to 12 row to the ear. Grains large, broad and shallow. Cobs long and thin; that is, less than half the diameter of cobs of other sorts of Sugar Corn. Produces never less than two attractive ears to the stalk, generally three, sometimes four and therefore well named. The stalks are unusually thick, stocky, and very stiff, consequently, are never blown over by heavy winds. The plant is strong in foliage, very close-jointed, and rises to the height of 6 to 6½ feet. Pkt. 10 cts.; pt. 45 cts.; qt. 80 cts.; pk. \$4.00; bu. \$15.00.

ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

Balderson's High Grade Specialties



Balderson's Bloomsdale Kale.

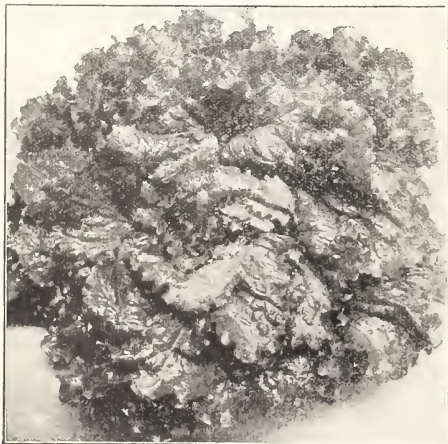
BALDERSON'S BLOOMSDALE KALE—50 Days.—Similar, but far better than Dwarf Curled Scotch, because very curly, broader spreading and far denser in foliage, darker in color, so short in stem as to rest directly on the ground. Plants broader than a bushel basket and seeming to hug the earth. More hardy than Dwarf Curled Scotch, passing unharmed through the severest winter as far north as Philadelphia, 9 inches high. Why continue to sow or grow the Yellow Green Curled Scotch Kale or the Blue Green Flat-leaved Dwarf German Kale? Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.25.

BALDERSON'S WHITE EVERGREEN CORN.—This is a high-bred pure-white type of the ever-popular Stowell's Evergreen. When in the green state both cob and kernel are white as snow. Deep grains; remains tender a long time, which makes it an excellent table and canning variety. One of the best sorts for private gardeners. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.00.



Balderson's Early Fortune Cucumber.

BALDERSON'S EARLY FORTUNE CUCUMBER.—An Extra-early Cucumber of the White Spine type. A beautiful green straight variety, especially recommended for early market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.



Balderson's Iceberg Lettuce.



Balderson's Marglobe.

BALDERSON'S ICEBERG LETTUCE.—Exceedingly crisp and tender, known as "Crisp Leaved." Heads of conical-shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

BALDERSON'S MARGLOBE TOMATO.—A medium early variety, smooth as an apple, beautiful as a peach, no depression at either end—no cracks, fruit about $2\frac{1}{2}$ to 3 inches long, shape of an egg—a beautiful red color, vine free from rust and other diseases, a leading market sort. Pkt. 20 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.



Palmetto
Asparagus.



ASPARAGUS

CULTURE.—When it is desired to grow Asparagus from seed it should be sowed outside in March or April as soon as the spring weather opens. Sow from 1 to 2 ozs. of seed to 100 feet of row, and thin plants to 6 inches apart in the row. When it is up give frequent cultivations until the plants are one year old, when they should be transplanted to permanent beds. Turn a double furrow, leaving a trench 8 to 10 inches deep; fill trench one-half full of good barn manure and cover with good loam soil, then set the roots 16 to 18 inches apart in rows 3 feet apart and cover 3 inches with loam. When the shoots break through the ground cover again with a liberal quantity of manure, and gradually fill in with earth and manure until level with the surface. Cultivate well throughout the summer and keep down all weeds. When the tops die in November cut off and apply more manure. Continue applying manure yearly, and use your best soil, as you cannot get it too rich, or can you use too much manure on Asparagus. Cut it lightly until second year; after that cut freely. One hundred roots will supply a family of four.

PALMETTO.—This is the standard Asparagus and decidedly the most popular and best variety grown, both for market and home gardens. It is adapted to all sections where Asparagus can be raised. It grows to a large size and is very productive. Pkt. 10 cts.; oz. 15 cts.; ¼ lb. 35 cts.; lb. \$1.00.

WASHINGTON.—The finest of all varieties; nearly rust free and very vigorous. Pkt. 10 cts.; oz. 25 cts.; ¼ lb. 75 cts.; lb. \$2.00.

ASPARAGUS KNIVES.—Very handy and useful for cutting Asparagus. Each 40 cts. (postpaid, 45 cts.).

Asparagus Roots

The two-year-old roots usually produce two years after planting. **Two-Year-Old Roots.**

PALMETTO.—Green stalks. Doz. 30 cts.; per 100 \$1.25; per 1,000 \$10.00.

WASHINGTON.—Dark green stalks. Doz. 60 cts.; per 100 \$2.50; per 1,000 \$20.00.

BUSH SNAP BEANS

CULTURE.—These can be planted any time from April 1st (or after danger of late frost is past) to September 1st. They thrive best in good light, loamy soil, as they have a tendency to rust if planted in stiff or heavy soil. Plant in rows 2½ to 3 feet apart and 3 to 4 inches apart in the rows. Cover 1½ inches deep. Give only light cultivation after plants are 6 inches high. About 2 pounds is required to plant 100 feet of row, and from 30 to 60 pounds to the acre.

Green-Podded Varieties

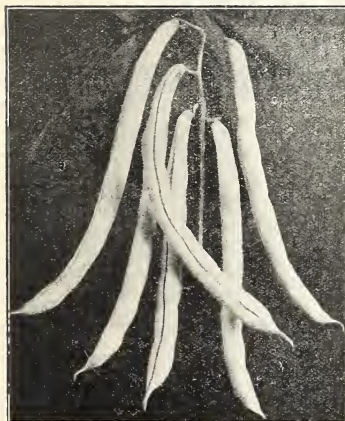
BURPEE'S STRINGLESS GREEN POD.

—This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra-early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

IMPROVED RED VALENTINE.

—This is an old favorite and one of the most popular beans grown in this section for market gardeners and family use. They are ready to pick seven weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.00; bu. \$11.00.

BALDERSON'S GIANT STRINGLESS BEANS.—See High Grade Specialties, page 5.



Improved Red Valentine.



Burpee's Stringless Green Pod.

Snap Beans—Continued



Bountiful.

DWARF HORTICULTURAL.—About 54 days to marketable condition. Color of seed resembles Pole Horticultural. Height of vine, 14 inches. Pods flat, almost straight, dashed with red. About 5 inches long, averaging 5 beans to the pod. Absolutely stringless. Large yellowish green leaves. Used also as a shell bean. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

REFUGEE, or ONE THOUSAND TO ONE.—Pods are perfectly round and straight; is very hardy and an immense yielder, but is especially recommended for late planting. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$12.00.

Wax-Podded Varieties

PENCIL POD BLACK WAX.

—Most popular Wax variety for home use. Pods round, brittle stringless, of buttery flavor when cooked. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

IMPROVED DWARF GOLDEN WAX.

—Early variety; Rustless; pods rich golden color. Good for home garden. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

WARDWELLS KIDNEY WAX.

—About 57 days to maturity. Color of seed white with purplish eyes and kidney shaped. Pods about 6 inches long, flat, meaty, absolutely stringless, almost straight, containing 5 to 6 beans in the average pod. Color of pods golden yellow and very handsome. We believe this to be the best flat pod. Golden Wax Bean in the market, and cannot be recommended too highly. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$13.00.

WEBER WAX.—About 50 days to maturity. Height of vine, 14 to 15 inches. Pods average about 6 inches long, containing 5 to 6 beans. Very much resembles Curries Rustproof. Absolutely stringless. Pods flat, long, but not as broad as Curries. Seed yellow with white eye, kidney shaped. Vines very hardy and productive. A very good wax Bean. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.



Hodson Wax.

BLACK VALENTINE.—An extra early variety, harder and a week earlier than the Red Valentine. It is black-seeded with round pods, very prolific. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.00; lb. \$11.00.

BOUNTIFUL. This is one of the first early varieties and continues in bearing through a longer season than most other sorts. The pods are deep green, extra long, thick and meaty, with very few strings. Is a hardy bean and if left to ripen, makes a good dry shell bean for winter use. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$13.00.



Pencil Pod Black Wax.

CURRIE'S RUSTPROOF WAX.—About 52 days to maturity. Height of vine, 15 inches. Color of seed purplish black. Pods similar in shape to Golden Wax, only longer. Pods light yellow, stringy, flat, almost straight, about 6 inches long. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

HODSON WAX.—About 72 days to maturity. Seed long, uniform in shape. Color purple, red splashed with buff. Height of vine, 20 to 22 inches. Purple blossoms. Very late, of sprawling habit. Foliage somewhat resembles Refugees. Pods about 7 inches long, slightly curved, creamy white, containing 6 to 7 beans. Very little meat and as they grow older get extremely stringy. Crisp, tender and very handsome when young. Used extensively by market gardeners in the South. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.



Old Homestead or Kentucky Wonder.

DAVIS KIDNEY WAX.

—About 52 days to maturity. Height of vine, 15 to 16 inches. Color of beans white, kidney shaped. Length of pod about 6 to 7 inches, containing 5 to 6 beans to the pod. Pods handsome, long, flat, almost straight, stringy, light yellow. Very productive and very attractive when young, but as it grows older it becomes very stringy and tough. Not particularly meaty. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.25; bu. \$12.00.

POLE, SNAP BEANS

OLD HOMESTEAD, or KENTUCKY WONDER.

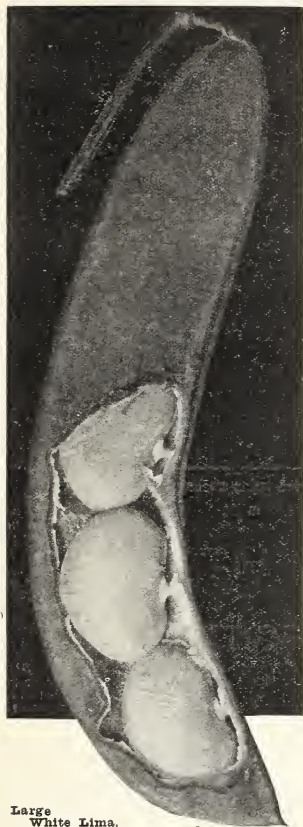
—It is very productive, grows in clusters; has long, crisp, tender pods of a bright green color. The

most popular Pole Snap Bean. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.00; bu. \$10.25.

HORTICULTURAL POLE, LONDON OR SPECKLED CRANBERRY.

—About 75 days to maturity. The beans flesh-colored splashed or spotted with red. Pods after they pass marketable condition show a brilliant carmine and are very attractive. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$12.50.

Our Sales Are Constantly
Increasing.
"There is a Reason."



Large
White Lima.

POLE LIMA BEANS

CULTURE.—Plant after danger of frost is past in April and May in raised hills 3 feet apart in the row and rows 4 feet apart. Plant 5 beans in a circle around the hill, with the eyes of the seeds downward and cover $1\frac{1}{2}$ inches. When 6 inches high thin to 3 plants to the hill. Fix firmly in the center of each hill a pole 5 to 8 feet high, and when plants show runners help the vines to start by twining them around the pole from right to left. They require only light cultivation after plants are 8 inches high. One-half pound will plant about 150 feet of row.

LANDRETHS' LARGE GREEN SEEDED LIMA.—About 84 days from planting to marketable condition. Seeds of a decided green tinge, that is, not bleached ivory-white. This green seeded selection is a going-back to the Jersey Lima of years ago which have never been excelled. The best form of Jersey Limas on the market today for both private and market gardeners, unsurpassed in flavor, averaging 4 to 5 Beans to the pod, pod $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$16.00.

CAROLINA or SIEVA.—About 82 days from planting to marketable condition. A small early variety of Limas, much more used in the South than elsewhere, as a Butter Bean, more vigorous in growth than the ordinary Jersey Limas, more prolific in pod. Very small foliage, short pointed leaves, more metallic green than the ordinary Lima. Pods about 3 inches long, borne in clusters, averaging 3 to 4 small white beans. Pkt. 10 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$13.00.

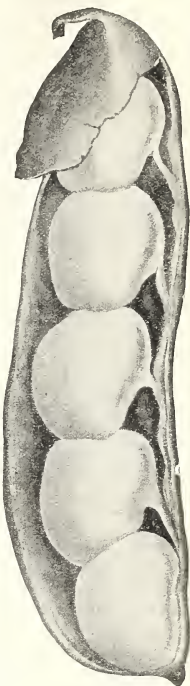
KING OF GARDEN LIMA.—About 84 days from planting to edible condition. One of the best and most productive Pole Limas, large leaved, good climber. Vine of a branching habit, pods about $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, dark, large and containing about 3 to 4 beans to the pod. Seed flat, and white with a slight green tinge. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$3.50; bu. \$13.00.

DWARF LIMA BEANS

CULTURE.—Plant after danger of frost is past in April, May or June, in rows 3 feet apart, and place beans, eyes downward, 15 inches apart in the row, covering them $1\frac{1}{2}$ inches. About 1 pound is required for 100 feet of row; 30 pounds to the acre. If plants show runners, do not think you have planted by mistake Pole Beans, as Bush Beans were bred from Pole Beans, and, therefore, sometimes show a tendency to run.

BURPEE'S BUSH LIMA.—About 77 days to maturity. Seed more nearly resembling the old Jersey Pole Lima than any other, but a trifle smaller. Flat, usually having the appearance of a cut on both sides of the eye. This is a lima bean borne in full-sized pods on plants of a dwarf habit. The pods average 4 to 5 inches. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$15.00.

FORDHOOK BUSH LIMA.—About 76 days to maturity. Seed large, oval, white with a green tinge, very plump like the Challenger Pole Lima. Pkt. 15 cts.; pt. 30 cts.; qt. 60 cts.; pk. \$4.00; bu. \$15.00.



BALDERSON'S IMPROVED BUSH LIMA BEANS—See High Grade Specialties, page 5.

BRUSSELS SPROUTS

Brussels Sprouts resemble miniature cabbage, which form and grow closely around stalks of plant at axle of leaves, which should be broken down in the fall to give little heads more room. Seed should be sowed in a plant bed and transplanted in rows when ready, any time from April to August, 2 feet apart, with plants 18 to 24 inches apart in the row. Cultivated and treated in all respects like winter cabbage or kale. One ounce of seed will produce about 1,500 plants.

DALKEITH.—A leading variety, tall stalks, 75 to 100 large buds like little cabbages one inches in diameter, very choice. The development of the buds can be hastened and enlarged by cutting away ten or more leaves on the stalk when three-quarters grown. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

PARIS MARKET.—This is much dwarfier than the preceding and bears a large crop of handsome sprouts. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



Brussels Sprouts.

BEETS

CULTURE.—For very early crop the seed should be sowed in hot-beds or started in boxes in the house in January and February. After danger of frost is past, transplant and set them in rows 2 to 3 feet apart, and 6 inches apart in the rows. Or they can be sown out-side from March to July, as desired, for medium, early or late crop, in drills, covering 1 inch and plants thinned to 6 ins. Beets should be grown in light, clean, deep soil, and kept well cultivated. Two ozs. of seed will sow 100 feet or row and about 7 lbs. are required to sow an acre.

5 lbs. at 5 cts. per lb. less.



Crosby's Egyptian.

BASSANO.—A strong, growing, almost solid green foliage, very early white fleshed variety. Considered by many to be the most sugary of all table beets grown. Green topped, with a white midrib to leaves. Outside skin often pink. Flesh white when cut showing very large whiter zones. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

CROSBY'S IMPROVED EGYPTIAN.—A very early strain of the old standard Egyptian; small tops, good shape; popular with truckers. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

CRIMSON GLOBE.—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

DETROIT DARK RED.—A fine strain of Blood Turnip, but more uniform in size, smooth, rich red color; tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Medium size. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

EXTRA EARLY ECLIPSE.—A most popular market beet; globe-shaped, dark red and tender; very early. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSON'S IMPROVED EARLY BLOOD TURNIP BEET.—See High Grade Specialties, page 5.

SWISS CHARD or SILVER LEAVED BEET.

—Grown for its leaves and stems only. Cook the leaves as you do spinach, and the stems like asparagus. Leaves grow from 20 inches to 2 feet in length. Plant is almost perpetual if kept trimmed; also good for poultry greens. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.



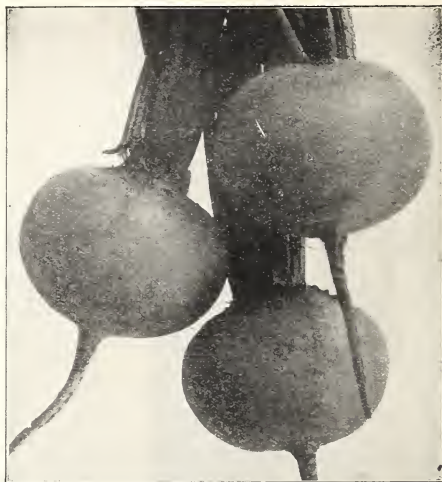
Swiss Chard, or Silver-Leaved Beet.

MANGEL, OR STOCK BEET

CULTURE.—These can be sowed in April, May and June, drilled in rows 3 feet apart and the plants thinned to 6 or 8 inches apart in the row. They should be well cultivated until they get well started. Sow 1 ounce to about 75 feet of row; 6 pounds to the acre. Stock Beets grow to an enormous size on good land and make splendid food for stock of all kinds.



Mammoth Prize Long Red.



Improved Early Blood Turnip.

MAMMOTH PRIZE LONG RED.—This is by far the most popular and satisfactory of the mangels to grow. It is hardy and produces large crops with little care. The roots grow to a large size, some of them weighing 20 lbs. or more. It makes fine rich food for stock. Oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

GOLDEN TANKARD.—About 90 days. A rapidly maturing root adapted to shallow lands, although doing well on every soil. Oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 60 cts.

EGG PLANT

CULTURE.—Sow in February or March $\frac{1}{2}$ inch deep in hot-beds or boxes inside. When the plants are 2 inches high transplant to pots or good rich soil, after all danger of frost is past, in May. Set out in 3-foot rows, 2 feet apart in the row. The ground should be a good rich loam. Keep the plants free from insects by applying Slug Shot or Bug Death. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY.—This is the earliest and the best of all large-fruited Egg Plants. The large fruits are thick and of the most attractive form. The skin is a rich, lustrous, purplish-black, and it is entirely free of spine or thorns. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

HIGH BUSH—130 Days.—The fruit is not so large or as round as the New York Improved. Vines considerably taller, more vigorous, and a continuous bearer. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00.

NEW YORK IMPROVED PURPLE.—The leading market variety; of large size, skin deep purple, smooth. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.



Black Beauty.

CABBAGE

CULTURE.—To make an early crop of Cabbage the seed can be sowed in hotbeds or in boxes in the house in January, February and March, or for later crop can be sowed outside from April to June, but to make the earliest Spring Cabbage the seed should be sowed outside about September 15th and then transplanted in November where they are to remain. Cabbage should always be transplanted to good, rich, clean, light soil in rows 3 to 4 feet apart, with plants 16 to 24 inches apart in the row, according to the variety of Cabbage, whether of large, medium or small-size growth. One ounce of seed will produce about 1,500 plants.

BALDERSON'S EARLY JERSEY WAKEFIELD.—This is the most popular early cabbage grown for both market gardeners and home use. Our strain of this cabbage has for years been carefully bred and grown for us by the most reliable cabbage seed growers in this country. It cannot be improved upon, and is just what is wanted by the most critical truckers and gardeners. They are uniform in size and make firm, pointed heads. Unquestionably this is the best first early cabbage. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$3.00.

LARGE, or CHARLESTON WAKEFIELD.—Not quite as early as Jersey Wakefield, but larger, of uniform size, solid head, and a good shipper. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$2.75.

BALDERSON'S COPENHAGEN MARKET CABBAGE.—See High Grade Specialties, page 5.

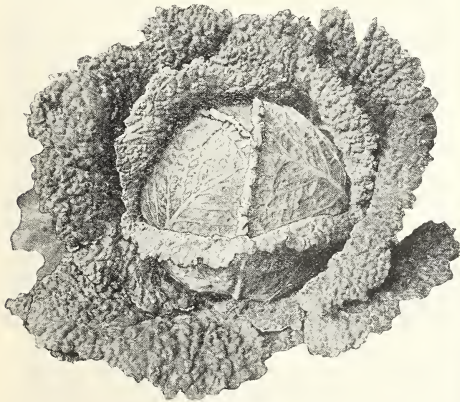
EARLY FLAT DUTCH.—Medium early, large, flat, solid heads; a reliable and popular variety. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$2.75.

BALDERSON'S PREMIUM LATE FLAT DUTCH CABBAGE.—See High Grade Specialties, page 5.

LARGE LATE DRUMHEAD.—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.75.

AMERICAN DRUMHEAD SAVOY.—A late variety. Very tender; good flavor; of superior quality, with curled savoy leaves. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$3.00.

SUREHEAD—115 Days.—This is a popular strain of the Large Late Flat Dutch type of Cabbage; largely grown for winter. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



American Drumhead Savoy.

DANISH ROUND SHORT STEM OR AMAGAR—12 Days.—About 120 days. This variety is considered by many superior to the tall stemmed ballhead, having a shorter stem, and a little earlier. It is the most popular now of the two varieties. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



Copenhagen Market.

CHINESE CABBAGE, or PE-TSAI.—Sometimes called Celery Cabbage. This has a mild cabbage flavor, very delicate and delicious. It makes delicious slaw, also a very fine salad; when cooked it makes greens delicately cabbage flavored, but without the strong flavor and odor of cabbage. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

SUCCESSION.—About 110 days from germination to maturity. An intermediate between Early Flat Dutch and Late Flat Dutch. Slightly later than the second early sorts. Plants are vigorous with short stems; heads are large, deep and of excellent quality. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 80 cts.; lb. \$2.75.

RED DUTCH, 100 Days.—Leaves red or purple. Head medium size, round, solid, deep red color. Medium length stems, generally used for pickles. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.



Balderson's Early Jersey Wakefield.

CARROTS

CULTURE.—Carrots can be sown from March to June in drills 12 inches apart and the plants thinned to 4 or 5 inches apart, covering the seed about $\frac{1}{2}$ inch. They thrive best in light, loamy, deep rich soil. To keep Carrots in winter, pack well in clean, dry sand and place in a dry, dark cellar. Sow 1 ounce of seed to 100 feet of row, about 4 pounds to the acre.



Orange Danvers Half Long.

EARLY SCARLET HORN BLUNT OR DUTCH HORN—70 Days.—Early and delicate. Roots about 3 inches long. Top-shaped. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

CHANTENAY.—One of the best for home or market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

OX-HEART or GUERANDE.—About 65 days to edible condition. When full size grows to a diameter of a pint measure but should be eaten when one inch in diameter. Bright orange. An excellent variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

ORANGE DANVERS HALF LONG.—About 65 days to edible condition. A broad shouldered, cylindrical, very choice variety. Most popular in use. Roots 6 inches long, tapering. Flesh deep orange yellow. Very attractive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

DANVERS HALF LONG.—Rich. Dark orange color; good quality. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

LONG ORANGE—80 DAYS.—This extremely productive carrot frequently grows 8 to 10 inches long, sometimes longer, and produces a root of deep orange color, of about 3 inches diameter at the top of crown tapering to a slight point. This is a variety very much more used for stock feeding. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Early Snowball.

CAULIFLOWER

CULTURE.—Cauliflower should be grown and cultivated in all respects like cabbage (see cultural directions for cabbage), except when the heads form. The loose outer leaves should be brought together and tied over the heads to keep out the light and make them bleach and whiten. Set in moist soil and keep well watered. One ounce of seed will produce about 2,000 plants.

EARLY SNOWBALL.—A sure header; large, solid, perfectly white of good quality; and the best early variety. Pkt. 25 cts.; $\frac{1}{4}$ oz. 80 cts.; oz. \$2.25.

CELERY

CULTURE.—Sow in hotbeds or in seed boxes in the house in February or March. Keep well watered and transplant from July to September 15th to rich, moist, mucky soil in rows 12 to 18 inches apart, with plants 6 inches apart in the row. Supply abundance of moisture. As the plants grow heap up the earth around the stalks to whiten them. To protect from severe winter weather, cover the rows with straw and lay boards on the top, or bank the rows with straw when 10 inches tall. One ounce of seed produces 1,000 plants.

CELERIAC, LARGE SMOOTH PRAGUE—110 Days.—This plant is used for the large turnip-like bulbs forming under the ground, the stems above the ground are of no value except to use for flavoring. The seed should be sown and given the same treatment as any ordinary celery. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.25.



Golden Self-Blanching.

GOLDEN SELF-BLANCHING.—Not as early as the White Plume, but is of a heavier and more compact growth. Its stalks are thick crisp and brittle, with large solid hearts. The quality is superb; good flavor, tender and free from stringiness. Pkt. 10 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$2.00.

GIANT PASCAL.—Thick, solid stalks, golden hearts; blanches quickly; keeps well; of a good flavor; one of the most popular varieties. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.

WHITE PLUME.—One of the best for early use; handsome, good quality and blanches easily. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.

GARDEN CORN

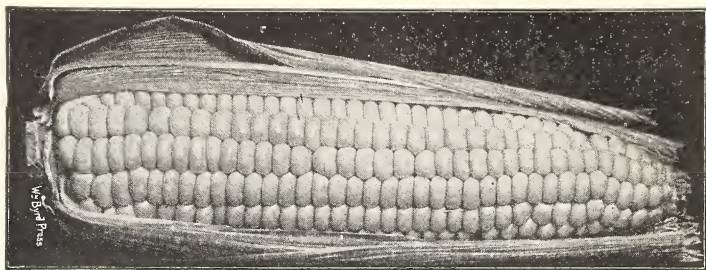
CULTURE.—Plant 3 or 4 grains $1\frac{1}{2}$ inches deep, 2 feet apart in rows 3 to 4 feet apart, according to the size and variety of the Corn. When plants are 4 inches high thin out to 2 plants to the hill. For very early Corn the hardiest and earliest varieties can be planted the latter part of March, if the weather is mild, but Sweet Corns should not be planted until April, or until the Spring weather opens and the ground gets warm, as Sugar Corn has a tendency to rot in the ground if planted too early, or during a continued cold or rainy spell of weather. It should be planted at intervals of every two weeks until July or August, so as to have Corn for use during the entire season. One-half pound will plant 150 feet of row; 10 pounds to the acre

EXTRA-EARLY ADAMS.—This is the earliest white Garden Corn, but has a small ear and stalk. Valuable on account of its extreme earliness. Pkt. 10 cts.; pt. 25 cts.; qt. 45 cts.; pk. \$1.75; bu. \$6.25.

EXTRA EARLY IDEAL.—Large ears, sweet, delicious flavor, tender, extremely early. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; pk. \$2.00; bu. \$7.00.

BALDERSON'S MONEY-MAKER CORN.—See High Grade Specialties, page 5.

HOWLING MOB.—About 78 days to edible condition. Ears about 7 inches long. Height of stalk $4\frac{1}{2}$ feet. Large broad grains. Quite a popular variety for sowing late in the summer, as it ripens a little earlier than Stowell's Evergreen, and is not so liable to be caught by frost. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.00.



Stowell's Evergreen.

Sweet, or Sugar Corn

GOLDEN BANTAM.—A distinct variety of Extra-Early Sweet Corn, of golden yellow color; very sweet and tender; is hardy, and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. The best early sweet corn, excellent for table use. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$2.00; bu. \$7.50.

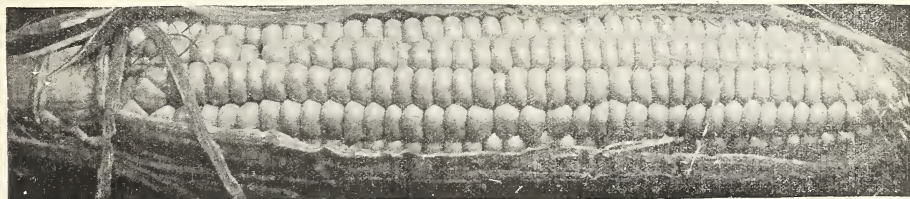
BALDERSON'S WHITE EVERGREEN CORN.—See High Grade Specialties, page 6.

COUNTRY GENTLEMAN.—Considered one of the best quality Sweet Corns for table use and canning; has long, deep grains, and yields up to 4 ears to the stalk. A general favorite. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; pk. \$1.75; bu. \$6.00.



Early White Evergreen.

Insure Good Crop of Corn
By Using Our Seed
With
SWIFT'S "RED STEER"
FERTILIZERS

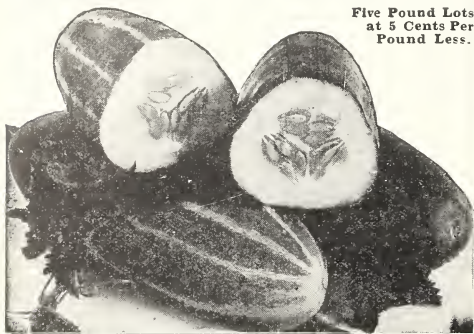


Landreth's Money Maker.

CUCUMBERS

CULTURE.—To have very early Cucumbers plant in small paper pots. Keep them in a hot bed and when plants are large enough slip plants and dirt out of the pots and set outside after danger of frost, or for later crop plant outside after the ground is warm, from April to July, in rich, well manured, hills 4 feet apart. Plant 8 to 10 seeds 1 inch deep around the hills. Later thin to 2 or 3 plants to the hill. Hoe or cultivate only until the plants start to vine, then pull weeds by hand. 1 oz. will plant about 50 hills; 2 lbs. to the acre.

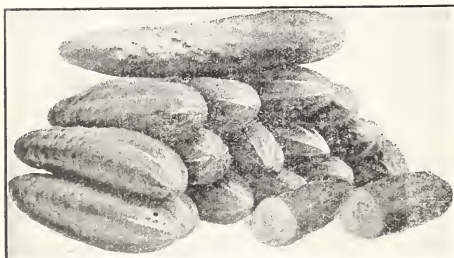
Five Pound Lots
at 5 Cents Per
Pound Less.



Early Fortune.

BALDERSON'S EARLY FORTUNE CUCUMBER.—See High Grade Specialties, page 6.

ARLINGTON EARLY WHITE SPINE.—A long, well-shaped green variety; one of the best and most popular early market sorts. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

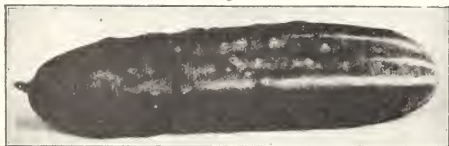


Arlington White Spine.

KLONDYKE.—This variety is very popular as a market sort. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

IMPROVED LONG GREEN.—An old favorite. Prized for table, market and pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

JERSEY PICKLE.—Sometimes called Westerfield Pickle. Vine vigorous, foliage broad, rounded form, choice green color with smooth skin and few spines. A very desirable variety for pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.



Improved Long Green.



Early White Vienna.

GHERKIN, OR BURR CUCUMBER.—Small, prickly; used for pickles only. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

DILL—70 Days.—The seeds used in flavoring preserves very largely, also for flavoring pickles. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

THYME—70 Days.—Used for seasoning. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.

KOHL-RABI

EARLY WHITE VIENNA.—White and tender; the best variety. Sow in April in 18-in drills, and thin out to 8 inches. For winter use, sow in June and July. One ounce to 200 feet of drill. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.25.

AMERICAN FLAG LEEK

Is mostly used for cooking and for flavoring soups, etc. It is said to be superior to Onions for this purpose. It has large, thick, stems of a sweet flavor. Sow in the early spring in rich, light, moist soil in drills, covering the seed about $\frac{1}{2}$ inch. When the plants are 6 inches high transplant to rows 12 inches apart, placing plants 6 inches apart in the row. As the plants grow draw the earth up to them to whiten the necks. Sow 1 ounce of seed to 100 feet of row. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.



American Flag
Leek.

GREEN CURLED ENDIVE

Endive is a nice relish and makes a splendid salad for late fall and winter use. It has finely cut leaves, which give it a mossy appearance when blanched. It can be sown from April to August, $\frac{1}{2}$ inch deep in drills, and plants thinned to 8 inches apart. When nearly grown outer leaves should be tied together over the heart to whiten it. Keep well watered in dry weather. One ounce of seed will sow 100 feet of row. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

CANTALOUPE, or MUSKMELON

CULTURE.—Plant late in April or May, after danger of frost is past. Prepare hills 4 to 6 feet apart using about $\frac{1}{4}$ lb. of B. & H.'s Vine and Vegetable Fertilizer to the hill or a liberal supply of stable manure in each hill. The soil should be light rich loam, moderately dry. Plant about 10 seeds to the hill, and when about 2 inches high pull to 4 plants. Cultivate well until the runners are well started. At the last working about 2 ozs. more of fertilizer should be worked in around the plants. When the vines begin to blossom the runners should be pinched or clipped off, which will increase the yield of melons. One ounce of seed will plant about 50 hills; 2 pounds to acre.

5 lbs. at 10 cts. per lb. less.

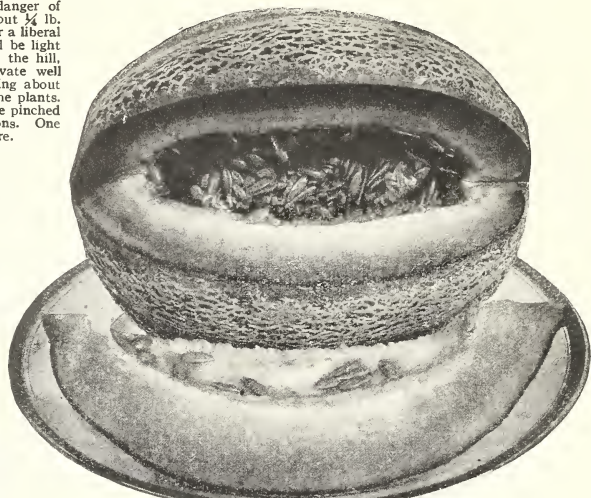
ROCKY FORD NETTED GEM.—Rust resisting, small size, nearly round, thickly netted, nutmeg shape. Delicious flavor. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

BALDERSON'S KNIGHT CANTALOUPE.—See High Grade Specialties, page 5.

POLLOCK No. 10-25—80 Days.—The best known today of the famous salmon-fleshed Cantaloupes at Rocky Ford, quite round, heavily netted, no ribs, small cavity, of the most excellent flavor. This variety has a reputation of being the best rust-resistant of any Melon. We cannot praise our stocks of this too highly. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

HONEY DEW MELON.—This melon, introduced several years ago in the West, has caused very favorable comment wherever grown. It is a Melon of medium size, oval shape; the color while growing is nearly white and is a creamy lemon-yellow when ripe. It has heavy, thick flesh of light green color; fine grain and of delicious flavor, said to be a mingling of several flavors—Pineapple, Banana and Vanilla. It has a tough, thin rind, and the Melons can be kept until cool weather. The vines are strong growers and productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

FORDHOOK—30 Days.—A thick orange flesh, small cavity melon, well ribbed and heavily netted. Flat at poles, resembles the Jenny Lind in many respects, except in color. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

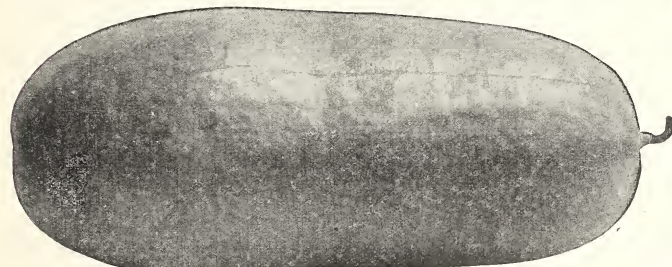


Balderson's Knight.

SWEET AIR.—Melon for all purposes. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

BOTTOMLEY CANTALOUPE.—True Anne Arundel strain. Great favorite. Pkt. 15 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

WATERMELONS



Tom Watson.

KLECKLEY SWEET.—Probably no other Melon has ever attained such popularity for home use and nearby markets. This is a perfect Melon for that purpose, but does not stand shipping well. Its eating qualities leave nothing to be desired. One of the most salable melons on the Richmond market, vines strong and vigorous; Melons oblong, medium size, growing 18 to 24 inches in length, 10 to 12 inches through. Skin is very rich, dark green color; white seeds. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

EARLY DARK ICING.—An extra early Melon of medium size, nearly round, dark green rind, thin and brittle. As an early Melon for family use or nearby market it has no equal, but will not stand shipping. The quality is unsurpassed, deliciously sweet and melting. For years this variety has been the first home-grown melon offered on the Richmond markets. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

THURMOND'S GREY.—A selection from Irish Grey, but larger. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

Five pound lots at 5 cents Per pound less.

CULTURE.—Prepare land and cultivate the same as recommended for Cantaloupes, except the hills should be somewhat larger and placed 8 or 9 feet apart. New ground or a broomstraw field is an excellent place in which to grow melons, as they thrive best on light sandy soil. For a late crop of Melons they may be planted as late as June 10th. One ounce of seed will plant about 30 hills; 3 pounds to the acre.

TOM WATSON.—One of the best and most popular early long green Melons; has a thin but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm and very sweet. Has taken the lead over all other shipping Melons, and sells for the highest prices in the Northern Markets. Our stock of this melon is grown for us by an expert Melon grower and the strain cannot be improved upon. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

ICING ROUND LIGHT GREEN RIND.—About 75 days. Seed creamy white, one of the best melons on the market and a great favorite. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

FLORIDA FAVORITE.—A very old, but popular Melon, oblong shape, striped skin, bright crimson flesh, deliciously sweet; is early to mature and a general favorite for family use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

IMPROVED GEORGIA RATTLESNAKE.—An old but popular shipping variety, a large oblong Melon with decided stripes of light and dark green. The rind is thin, but tough; the flesh is bright red and of excellent flavor. Is a good variety either for shipping or home use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

BALDERSON'S GRAY—80 Days.—Color of seed all creamy white. Very popular as a shipper. Fruit long, oval, light gray color outside. Flesh bright red, free from hard centers. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

LETTUCE



Big Boston.

CULTURE.—To grow early Lettuce the seed should be sowed in January in seed boxes inside or under glass. When large enough harden by exposure to cold weather before setting outside. Transplant to rich mellow soil 8 to 12 inches apart in 18-inch rows, and keep well worked. Lettuce must have rapid growth to succeed. For a succession set every 3 weeks. Seed may be sowed in rows outside in the spring and plants thinned out. For fall use sow in July and August. One ounce will produce 1,500 plants.

BIG BOSTON.—A favorite early variety for home use, market or shipping. A very large solid firm heading variety of superior quality. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

BLACK SEEDED SIMPSON.—40 days from planting to edible condition. Black Seed. A standard American variety found in all catalogues. Crisp, yellowish, green leaves of large size, grows very quickly, of fine quality. The flavor is excellent; it is the most popular of all the loose leaved sorts. Color of leaves a whiter yellow than White Seeded Simpson. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

MAY KING.—Is of quick growth, nearly all head, having few outer leaves, grows to a good size, and is of a specially fine, rich, buttery flavor. Is a good shipping Lettuce. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.75.

BALDERSON'S ICEBERG LETTUCE.—See High Grade Specialties, page 6.

CURLED SILESIA.—Similar to Simpson, quite as durable, and a favorite. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

WHITE PARIS COS.—The best of Celery Lettuce. Forms large, light green, solid, well-formed heads, of upright growth and esteemed for its crispness and mild flavor. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$2.00.



May King.

PRIZE HEAD.—A curly, non-heading crisp sort, medium size with light bronze on the edges. A very rapid grower. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.25.

SALAMANDER OR BLACK SEED TENNIS BALL.—55 days to maturity. Black seeds, forming a large size, light green compact head with a white heart, very tender and crisp. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 50 cts.; lb. \$1.50.

KALE

CULTURE.—The Spring or Smooth Kale may be sown either in the spring, from February to June, or in the fall, September to December. Broadcast 8 to 10 pounds to the acre. The Siberian and Scotch varieties should be sowed from August 15th to October 15th, though both are frequently sowed in the spring with satisfactory results. When drilled, about 3 lbs. are required for an acre, or if seeded broadcast 5 lbs. to the acre.



Early Curled Siberian Kale.

SPRING, or SMOOTH.—Hardy, quick-growing; best for spring sowing. Sow 10 lbs. to the acre broadcast, or 4 to 5 lbs. in drills. Pkt. 5 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

EARLY CURLED SIBERIAN.—A standard winter curled variety; bright green with purple tinge. Sow 5 pounds to the acre. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

GREEN CURLED SCOTCH or NORFOLK.—Popular for shipping. Light green, nicely curled. Sow 5 pounds to the acre. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.00.

BALDERSON'S BLOOMSDALE KALE.—See High Grade Specialties, page 6.

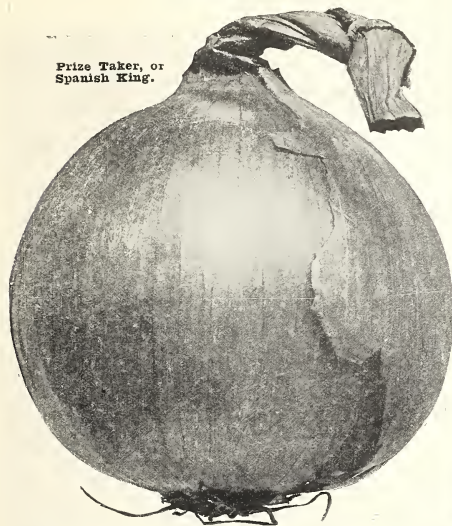
KOHL-RABI

One ounce of seed to 100 yards of row. Two pounds to the acre.

WHITE VIENNA—60 Days.—Very choice stock. Short-leaves, bulb light green, very rapid in growth, early in maturity, fine in texture when used young, not over two inches and symmetrical in form. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.25.

ONIONS

Prize Taker, or Spanish King.



CULTURE.—Onions are grown from seeds and also from Sets. To grow onions from seed, plant in the open in the early spring rather thickly, $\frac{3}{4}$ inch deep in rows 18 inches apart, and later thin the plants to from 3 to 5 inches apart, and keep well cultivated. When grown this way 1 ounce of seed will sow 100 feet of row; 6 pounds to the acre. If Sets for planting the following spring are desired, sow the seed in March or April in wide rows, 20 to 40 pounds to the acre. When the tops die in the summer remove and store only the small Sets, spreading them thinly in a dry place, using the larger size for eating or pickling purposes. Onions require rich soil, and a liberal supply of manure from the poultry-house is very beneficial. But probably the most satisfactory way for the small home gardener to grow early green onions is from the Sets. These may be put out in the spring, in March or April, or in the fall, in September and October, 3 inches apart in rows 1 foot or more apart. One pound will set about 75 feet of row. Fertilize well and keep well cultivated.



Silver Skin.

BERMUDA RED.—About 60 days. The distinctive name of this variety is Red, but it is not altogether a red bulb—it is dashed with red on a straw-colored ground. Very early and flat. Mild flavor, resembling the White Bermuda in every way but in color. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

EBENEZER OR JAPANESE—100 Days.—An old yellow skinned variety, very popular at the present time for growing sets, which is its attractive quality. Its other merits are that of a most vigorous kind. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. 1.00; lb. \$3.00.

PRIZE TAKER, OR SPANISH KING.—Very large and solid; skin rich yellow, flesh pure white; sweet, mild, tender. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 85 cts.; lb. \$3.00.

SILVER SKIN.—Pure white, of mild flavor; best for growing sets. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

LARGE RED WETHERSFIELD.—Medium early; skin purplish-red and flesh purplish white. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.50.

YELLOW GLOBE DANVERS.—Grows large; keeps well; the standard for main crop. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. 90 cts.; lb. \$2.25.

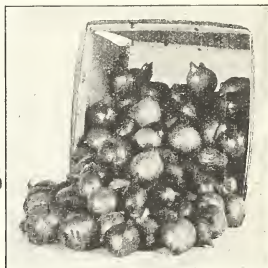
SOUTHPORT WHITE GLOBE—110 Days.—A very showy, mild flavored, large White Globe variety. Very solid, productive, a good keeper. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

ONION SETS

One Pound Equals About One Quart.

SILVER SKIN.—Qt. 25 cts.; pk. \$1.50; bu. \$4.00.

YELLOW DANVERS. Qt. 25 cts.; pk. \$1.25; bu. \$3.50.



Onion Sets.

MUSTARD

CULTURE.—Sow from February to April for early crop, or in September and October for late use. It may be sown in drills 6 to 8 inches apart, covering the seed $\frac{1}{2}$ inch. One ounce of seed will sow about 75 feet of row in this way, or it can be sowed broadcast, when 5 or 6 pounds to the acre are required.

BLOOMSDALE LARGE-LEAVED—35 Days.—Producing, when fully grown, immense leaves which are as long and as broad as the largest tobacco. These same leaves when size of a man's hand are very tender and admirable as a salad. The leaves when twice that size we recommend for boiling as spinach. This plant should have a place in every Southern garden. An immense amount of edible and crumpled material can be raised in a very limited space. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.

OSTRICH PLUME—40 Days.—Double curled like parsley, exceedingly ornamental. Light green, long plume-like leaves. More delicate than Giant Southern Curled. Shoots to seed more slowly than any other Mustard. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

WHITE.—Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

OKRA

CULTURE.—Sow in April or May, after danger of frost is past and the ground becomes warm, drilled in rows 3 feet apart, covering the seed $1\frac{1}{2}$ inches. Thin the plants to 8 or 10 inches apart. For winter use slice the young pods, string and dry them in the shade. Two ounces of seed will sow 100 feet of row.

LANDRETHS' DWARF STALKED LONG GREEN POD.—50 days. Height of stalk about 3 feet. Gumbo soup made out of the Okra is unexcelled in delicacy and at the same time most health sustaining because of its mucilaginous character, being an offset to many other dishes not conducive to comfort. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

WHITE VELVET.—Pods large, round, white and smooth and very abundant. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.

TALL GREEN.—Long pods; grow 4 to 5 feet high. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 85 cts.



White Velvet.

GARDEN, or ENGLISH PEAS



Balderson's Telephone.

BALDERSON'S 'TELEPHONE' PEAS.—See High Grade Specialties, page 5.

EARLY BIRD.—Early dwarf; vigorous and prolific, large well-filled pods, as early as Alaska and as large as Gradus; can be planted as early as any variety. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

AMEER, or LARGE-PODDED ALASKA.—A large and prolific strain of the well-known Alaska Pea. The size and color of the peas and pod make a very desirable market variety; is very hardy and prolific. Much in demand with market gardeners. Height 2 feet. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.25; bu. \$9.00.

LANDRETH'S EXTRA EARLY—48 Days.—Oak trees may be Oak trees, but woodmen know that there yet remains much choice among them, and just so with Extra Early Peas. A critical gardener wants the best strain as respects earliness, size of pods, flavor, uniformity of ripening, vigor, and habit of the plant. All these desirable qualities can be obtained in the strain sold as Landreth's Extra Early. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.25; bu. \$9.00.

LAXTONIAN.—Similar to the Gradus but matures a few days earlier. Is very productive, grows about 15 inches high and has large handsome pods. Though considered a second early variety the quality is good and it is one of the best for either home use or market. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

CULTURE.—The Extra-Early or Smooth varieties are very hardy, and can be planted as early in the spring as the ground can be cultivated, while the Wrinkled varieties should not be planted until later. Peas thrive best when planted in light, rich, loamy soil. Plant in rows about 3 feet apart, and cover 3 to 4 inches. Keep well cultivated until 6 inches high, then stake the tall-growing varieties with brush. Peas should be planted at intervals of two weeks to give a continuous crop. One pound will sow about 100 feet of row; about 100 pounds to the acre.

FIRST AND BEST or MORNING STAR.—About 50 days to edible condition. A white extra early. Very fine flavor. Height of vine 30 to 36 inches. Very prolific. Pods $2\frac{1}{2}$ to $2\frac{3}{4}$ inches long, containing 5 to 6 good flavored Peas to the pod. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.25; bu. \$8.50.

ALASKA.—One of the best Extra-Early Peas; very productive and salable; desirable for canning on account of its pale green color. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$2.25; bu. \$8.50.



Landreth's Extra Early.

GRADUS.—The largest early Wrinkled Pea; vine has heavy stems and grows about 3 feet high; peas of excellent flavor and remain tender and sweet for some time after they are large enough for use. Best second early for family use. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

LITTLE MARVEL—64 Days.—About 64 days to maturity. Vine strong, or stout, about 18 inches tall, showy pods about 3 to $3\frac{1}{2}$ inches long, blunt ended. Seed large, green, wrinkled. A very fine productive, dwarf, sturdy variety. Popular with the home gardener. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

NOTT'S EXCELSIOR.—About 60 days to edible condition. An improvement on the American Wonders. Vines almost identical. One of the best early dwarf, wrinkled sorts, vines about 12 inches high, producing a good crop of well-filled pods about $2\frac{1}{2}$ inches long, containing 5 to 8 very sweet Peas. Seeds green, wrinkled square at ends like American Wonders. Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00; bu. \$11.00.

LUSCIOUS SUGAR.—Pkt. 10 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.00.



Thomas Laxton.

*Balderson Company's Seeds
Are Thoroughly Tested
and Produce
Better Results.*

PEPPER

CULTURE.—To make early pepper sow in boxes inside or under glass in February or March, and transplant, after danger of frost, in rows 3 feet apart, setting plants 18 inches apart in the row, or for later, seed can be sown outside and transplanted as above. Pepper should be well cultivated and fertilized freely. 1 oz. of seed will produce about 1,200 plants.

RUBY KING.
Bright ruby red, very mild and pleasant. A splendid Pepper, and a great improvement over Ruby King; makes a stronger and more vigorous plant, and produces peppers abundantly, large and solid, uniform in shape and very sweet. A splendid Pepper for salad and stuffing. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

CHINESE GIANT.

—This is the largest and finest mild red Pepper. It is very productive, plants are vigorous in growth, of stocky habit, about 2 feet high, well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple, and very thick. Pkt. 10 cts.; oz. 60 cts.; $\frac{1}{4}$ lb. \$2.00; lb. \$7.00.

LARGE BELL or BULL NOSE.—An old standard sweet pepper.

Ripens early and uniformly. Flesh of excellent quality and largely used in salads. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PIMENTO.—This is the mildest-flavored of all Peppers, is entirely free of the pungent flavor which so many consider undesirable; it is heart-shaped, perfectly smooth, bright scarlet color and very productive. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

LONG RED CAYENNE
—Long, bright red pods; hot; most popular for seasoning. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PARSNIP

IMPROVED SUGAR or HOLLOW CROWN.—this is the standard and best variety; grows smooth, is tender and of good flavor. Can be sown from early spring until the middle of June in rows 18 inches apart and plants thinned to 5 inches. Parsnips should be grown in rich, deep, sandy loam soil. One ounce will sow about 200 feet of row; 5 pounds to acre; Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

BLOOMSDALE — 80 Days.—The Bloomsdale is the best-bred and handsomest parsnip to be found. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 90 cts.

Hollow Crown Parsnips.

PARSLEY

CULTURE.—Sow in March or April in drills 12 ins. apart, covering the seed about $\frac{1}{4}$ inch. As the seed are slow to come up, they should be soaked for a few hours before sowing to hasten germination. One ounce will sow about 150 feet of row.

CHAMPION

MOSS CURLED.

Leaves of this variety are beautifully curled and crimped; best for garnishing, and also makes fine borders. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 85 cts.

PLAIN PARSLEY

—This is harder than the Curled variety, and stronger flavored, dark green; used for flavoring soups, etc. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 85 cts.

FINE CURLED OR DOUBLE—70 Days.—A well selected sort, as good as any. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

PUMPKIN

Pumpkins are easy to raise and are very valuable for hogs, cattle and poultry, as well as for table use, and should be more generally grown. When properly cared for and kept in a cool dry place and not allowed to sunburn or bruise will keep indefinitely. Every farmer should grow pumpkins.

Plant in May and June in rich hills 8 feet apart. When vigorous thin to three plants to the hill. May be planted in corn. One ounce to 20 hills; 3 pounds to the acre.

CONNECTICUT FIELD or BIG TOM—70 Days.—A large rich, smooth, orange yellow, slightly oval or cylindrical fruit. Very productive. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. 75 cts.

LANDRETH'S CHEESE.—About 65 days. An excellent kitchen variety. Shape flat like a Cheese box. Outside color lemon, no stripes, a fine keeper. Often 15 inches across the top and 6 to 7 inches thick, top and bottom indented. We can say without hesitancy there is no stock in the market equal to the Cheese Pumpkin we are offering. Don't confuse this stock with the Kentucky Field offered by many houses as Cheese. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. 85 cts.

KENTUCKY FIELD.—About 65 days. A large very poorly selected stock of our famous Cheese Pumpkin of several variations of shape. Some fruit very much like a round Watermelon, others big as a nail keg. Color a light golden cream. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

YELLOW CUSHAW.—About 90 days. Our stock of this cannot be excelled by any. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

RHUBARB

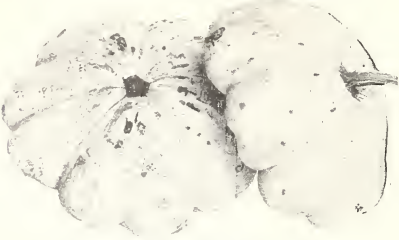
VICTORIA.—Easily grown, plants to be thinned out to ten inches; if to be transplanted to a new location, set them out eighteen inches apart. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.; lb. \$2.00.

ROOTS

\$1.25 per doz.; \$9.00 per hundred, express collect.

Connecticut Field or Big Tom Pumpkin.

SQUASH, or CYMLING



Balderson's Early White Bush.

CULTURE.—Plant in hills, in rich, soft, loamy soil, after danger of frost is past. The hills should be well fertilized and 8 to 10 seeds planted to the hill and later thinned to three plants. The Bush variety should be planted 5 feet apart and the Running varieties 8 feet. One ounce will plant about 25 hills; 3 pounds to the acre.

GOLDEN HUBBARD.—70 Days.—Similar in shape to the Green Hubbard, only earlier. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.50.

BENNING WHITE BUSH.—Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 40 cts.; lb. \$1.25.

BALDERSON'S EARLY WHITE BUSH SQUASH.—See High Grade Specialties, page 5.

GIANT SUMMER CROCKNECK.—Bush very prolific; profusely warted; bright yellow squash of good flavor. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

BOSTON MARROW.—Oval; flesh orange color, fine-grained; cooks rich and dry; keeps well. Running variety. One of the best for winter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

HUBBARD SQUASH.—A running winter Squash, of first-class quality and a splendid keeper. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

RADISH

CULTURE.—Sow in drills very early in the spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of row; 10 pounds to the acre.



Scarlet Globe.

BALDERSON'S EARLY WHITE TIPPED FORCING RADISH.—See High Grade Specialties, page 5.

CELESTIAL OR CHINESE HALF LONG STUMP.—Pure white. Shape somewhat resembling half long stump rooted carrot, only fuller. A quick variety, very tender and agreeable in flavor. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

BALDERSON'S EARLY SCARLET GLOBE.—Earliest Radish; one of the best for forcing. Has a very small top, bright red in color,

and a beautiful variety. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00

15 DAY SCARLET.—A fine brilliant scarlet Turnip-shaped bulb, which have very small tops. A most desirable variety for forcing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

GOLDEN GLOBE.—About 30 days. This is a very fine Radish for summer. Shape globular, color of outside skin amber, flavor mild, keeping long in edible condition without getting pithy. About 2 inches thick and $2\frac{1}{4}$ inches in diameter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

FRENCH BREAKFAST.—About 22 days. Olive shaped. Upper part of bulb bright scarlet with white $\frac{1}{2}$ of the way up from the bottom. An excellent variety for the private garden. About $1\frac{1}{2}$ inches long and $\frac{1}{4}$ inch in diameter. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

EXTRA-EARLY SCARLET, or RED TURNIP.—Small, round, crisp, tender; tops small; grows very rapidly. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

CRIMSON GIANT GLOBE.—A large, early variety; foliage is small, and can be planted close. Valuable for the early market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

LONG SCARLET SHORT TIP.—Long, bright scarlet; fine for forcing. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

WHITE STRASBURG.—Large, long, solid; one of the best for summer use. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

CINCINNATI MARKET.—About 35 days. This Radish is a selection from Woods Early Frame. A decided improvement. Scarlet four fifths of the length, one fifth at the point being white. It is long, slim transparent, about 6 to 7 inches long. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

ROUND BLACK SPANISH.—About 60 days. A fine round or top-shaped, black skinned Winter Radish sometimes 2 to 3 inches in diameter. Skin almost black, flesh pure white. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

LONG BLACK SPANISH.—About 70 days. Roots 8 to 10 inches long and $1\frac{1}{2}$ to 2 inches in thickness. Outside skin black. A very hardy winter Radish and particularly desirable. Flesh pure white and of good texture. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 35 cts.; lb. \$1.00.

ROSE CHINA WINTER.—Rose-colored; flesh white; cylindrical; one of the best winter Radishes. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 30 cts.; lb. \$1.00.

SPINACH

CULTURE.—For summer use sow early in the spring in good fertile soil in drills 18 inches apart, covering the seed $1\frac{1}{2}$ inches. For winter and spring use sow from August to November. One ounce of seed will sow 100 feet of row; 20 pounds to the acre.

NORFOLK SAVOY, or BLOOMSDALE.—This is decidedly the most popular variety for both spring and fall sowing. Very early hardy curled leaves. Pkt. 10 cts.; $\frac{1}{4}$ lb. 15 cts.; lb. 40 cts.

NEW ZEALAND.—This is an all-summer variety, growing luxuriantly in the hottest weather, but will not stand the winter as it is killed by frost. It can be cut, and it comes again. A few plants furnish the finest flavor "greens" all summer for an average family. Sow seed in March or April where the plants are to remain. This variety should be in every Southern garden, as an all-summer vegetable. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 90 cts.

SALSIFY, or OYSTER PLANT

MAMMOTH SANDWICH ISLAND.—The largest and best variety. Sow in March or April in 18-inch drills. Thin to six inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt. 10 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 70 cts.; lb. \$2.25.



Sandwich Island Salsify.

TOMATO



Bonny Best.

CULTURE.—To have plants ready for setting as soon as danger of frost is past, sow the seed inside in boxes or under glass about 6 weeks before the time desired to set them out. After the weather turns warm, transplant, and set in raised hills about 4 feet each way. Fertilize well and cultivate as long as possible. To make very early Tomatoes, grow the plants in small pots and transplant to larger pots as the plants grow, until the weather is warm enough to set outside. One ounce of seed will produce about 1,500 plants.

ACME.—One of the earliest and best purple sorts, of medium size, perfectly smooth, very solid and a great bearer; crimson color with pinkish cast. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

CHALK'S EARLY JEWEL.—An extremely early variety of bright-scarlet color, deep fruited, very hardy and solid, with few seeds and of excellent flavor. The popular early variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

MATCHLESS.—One of the best main-crop tomatoes. The solidity, absence of core, size and color of the fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." Fine both for private and market gardening and canning. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

GREATER BALTIMORE.—An excellent main crop sort, producing large, solid smooth fruit of a brilliant red color. It ripens evenly to the stem and is entirely free from ridges. Used extensively by canners. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

EXTRA EARLY SUNRISE.—Early: So named as it is undoubtedly the earliest of all field sorts, 20 days earlier than Earliana. Vine: Small compact vine which can be set one foot each way nearer than the ordinary sorts. Foliage: Quite small. Fruit: Fruit in the center of the vine, color red, shape flat, smooth skinned. Product: Averaging 10 tons to the acre where other sorts will only average half that amount. Pkt. 25 cts.; oz. \$2.50; lb. \$20.00.

JUNE PINK.—About 90 days. The earliest pink variety on the market. In reality, it is simply a pink form of Earliana and has all the characteristics of Earliana. Fruit solid and borne in profusion. Pkt. 15 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

EARLIANA.—About 90 days. The earliest, large, red, smooth Tomato on the market today. Vines healthy, foliage small, very productive. Fruit bright scarlet, nearly round, medium size. Used extensively by canners for their early product; most exclusively in New Jersey, for the early market trade. The vines of this variety very often are dead in the middle Atlantic States by September 1st. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

BONNY BEST.—An extra-early, large, smooth, bright red Tomato; a heavy yielder; good market variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

JOHN BAER.—An extra-early, large and smooth, solid, bright red Tomato. This is the earliest large, solid Tomato grown, and has proven a most profitable early market variety. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

LIVINGSTON'S BEAUTY.—Large, solid, smooth, purplish-pink; an old favorite. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

BALDERSON'S STONE.—Large, bright scarlet, firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

PONDEROSA.—A very large and handsome bright red Tomato, and especially adapted to family use. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.50; lb. \$6.00.

BALDERSON'S MARGLOBE TOMATO.—See High Grade Specialties, page 6.

TURNIP

CULTURE.—Sow Rutabagas from June to August in drills 3 feet apart; thin out to 6 ins. Sow Turnips from July to October for Turnips and Salad; 1 to $1\frac{1}{2}$ pounds per acre in drills, $1\frac{1}{2}$ to 2 pounds broadcast. For Salad 3 to 4 pounds broadcast. Can be sown in spring for summer use.

IMPROVED RED-TOP WHITE GLOBE.—The most popular Turnip for market and table use. Many Turnips have been produced from our seed weighing over 8 pounds each. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

YELLOW ABERDEEN.—A splendid yellow flesh turnip for winter as it keeps well; hardy, tender and sweet. A good turnip for stock. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

AMBER GLOBE.—Reliable main-crop variety for stock or market. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

SEVEN TOP.—Recommended for salad only, roots being of very little value; very hardy. Pkt. 10 cts.; oz. 65 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

IMPROVED PURPLE-TOP YELLOW RUTABAGA.—Best Rutabaga for both table and stock feeding. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.

EARLY FLAT RED OR PURPLE TOP STRAP LEAF.—50 days. This is a very early flat Turnip with a red or purple crown. Used extensively for cattle feeding as well as for the table. Roots flat, about 2 inches in diameter, flesh white. One of the most used Turnips today. Pkt. 10 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 50 cts.



Improved Red Top White Globe.

ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.



All flower seeds priced at: 10-cent packets are 3 for 25 cts., or 13 for \$1.00, postpaid—Your own selection. Prices for larger quantities furnished on request.

We have endeavored to make our list of flower seed as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit.

We do not index our different varieties of Flower Seeds, but all varieties are arranged alphabetically, and can, therefore, be easily found. The letter "A" after the name of the Flower indicates that the Flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a perennial and comes up and blossoms for several years after sowing. Cultural directions are printed on each package. For Climbing Vines and Flowers, see page 26.

ACROCLINIUM—Everlasting (A)

A very pretty, half-hardy annual, producing white and rose-colored double daisy-like flowers, about 1½ inches in diameter. These are the "Immortelles," so desirable for wreathes and winter bouquets. Height 15 inches.

Double Mixed Colors—Pkt. 10 cts.

ALYSSUM (A)

A hardy annual, which begins to flower when very young, and is literally covered nearly all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming. Pkt. 10 cts.

AGERATUM (A)

A beautiful hardy annual. The flowers are borne in dense clusters, and are very attractive in the garden, being covered with bloom nearly all summer.

Mixed Colors—Pkt. 10 cts



Asters.

AMARANTHUS (A)

These plants afford brilliant contrasts of color, being useful for tall borders and groups also where foliage effects are desired. The leaves and stems are different shades of red blended with green. Two to three feet high. Pkt. 5 and 10 cts.

ASTERS

Chrysanthemum-like flowers not surpassed in beauty by any plant. They vary in color from a delicate pink and white to deep reds and purples. The plants thrive best in rich soil, but with sufficient moisture will give satisfaction in almost any garden plot, and blossom in profusion for 90 days or till killed by frost. Pkt. 10 cts.

ANEMONE—Wind Flower (P)

These are hardy perennials, blooming in the spring or fall, producing semi-double large poppy-shaped flowers (2 to 3 inches across) in attractive colors.

Mixed—Pkt. 10 cts.

GIANT COMET

Immense flowers, often 6 inches diameter; good form and growth. White, dark blue, light blue, crimson, sulphur-yellow, rose. Very valuable for exhibition vases as resembling Japanese Chrysanthemums. Graceful and mop-like heads, grand sort. Mid-summer. Branching.

Crimson—Pkt. 10 cts.

Purple—Pkt. 10 cts.

Finest Mixed—Pkt. 10 cts.

OSTRICH FEATHER

Large showy flowers; branching with loosely curled flowerets. Pkt. 10 cts.

VICTORIA

Best all-round short stemmed. Flowers massive, with over-lapping petals. Pkt. 10 cts.

AMERICAN BRANCHING ASTERS

Flowers large and double. Handsome double flowers borne on long stems, a free brancher and unsurpassed in merit. Autumn sorts unsurpassed. Thirty inches tall.

Crimson—Fringed with carmine. Pkt. 10 cts.

Lavender—Very large, showy. Pkt. 10 cts.

Purple—Blue purple. Pkt. 10 cts.

White—Exceedingly delicate. Pkt. 10 cts.

Fine Mixed—Pkt. 10 cts.

ANTIRRHINUM—Snapdragon (A)

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good hard soil. They are also very desirable for cutting, as the spikes of bloom are borne well above the dark glossy leaves, and keep fresh for a long time.

Finest Mixed—Pkt. 5 and 10 cts.

AQUILEGIA—Columbine (P)

Grows about 2 feet high and bears a great variety of colors on long, smooth stems. Easy to grow. Pkt. 10 cts.

BACHELOR'S BUTTONS—Globe Amaranth (A)

A well-known and popular everlasting flower, which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

Mixed—Pkt. 10 cts.

BALSAM—Touch-Me-Not (A)

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double, in bright colors and variations; are wax-like and very attractive.

Double White—Pkt. 10 cts.

Double Mixed—Pkt. 10 cts.

BEGONIA (P)

Finest Mixed Varieties—Beautiful free-blooming plants for summer bedding bearing beautiful waxy flowers through the entire summer. Our mixture contains a great variety of colors, both in flowers and foliage. Pkt. 20 cts.

CALENDULA—Pot Marigold (A)

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. Of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive.

Mixed Varieties—Pkt. 10 cts.

CALLIOPSIS, or COREOPSIS (A)

Finest Double Mixed Varieties—Beautiful, showy summer bedding annuals, with large, bright flowers of golden yellow, varied with rich brown. Excellent for cutting and decorations. Pkt. 10c.

CANDYTUFT (A)

Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture.

White—Pkt. 10 cts.

Fancy Mixed—Pkt. 10 cts.



Candytuft.

CANNA (P)

Stately, ornamental plants, producing clusters of large flowers of the most intense, varied and brilliant colors. Very desirable for greenhouse or bedding outdoors. Plant the seed in February, first soaking them for a day in warm water. In August the plants will come into bloom and continue to flower very freely until cut down by frost. Store roots in cellar in winter. Pkt. 10 cts.

CANTERBURY BELLS—Campanula Cup and Saucer (A)

A handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil, and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large bell-shaped flowers, which are strikingly effective. Colors white and various shades of violet, rose, lilac and blue. Height 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Single Mixed—Pkt. 10 cts.

CARNATIONS

These well-known flowers are easily grown from seed, and very free blooming, the flowers being bright-colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or winter flowering. Pkt. 5 and 10 cts.

Marguerite—An extra-vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. Highly fragrant, beautiful double flowers. Pkt. 10 cts.

CELOSIA—Cock's Comb (A)

A half-hardy annual, growing 6 to 8 inches high, bearing a wide waxy blossom that resembles a cock's comb. Fine for massing or border work.

Finest Varieties Mixed—Pkt. 10 cts.

PLUMOSA

Scarlet and golden mixed. Pkt. 10 cts.



Celosia—Cockscomb.

CENTAUREA GYMNOCARPA—Dusty Miller (A)

Valuable because of its silvery foliage and graceful drooping habit of growth. Half-hardy perennial. One-half to 2 feet high. Pkt. 10 cts.

CENTAUREA CYANUS—Corn Flower (A)

Also known as "Blue Bottle" and "Ragged Sailor." This old-fashioned flower is still a favorite for cutting, is of easy culture and blooms freely from July until fall. All colors mixed. Pkt. 5 and 10 cts.

CHRYSANTHEMUM (A)

These annual Chrysanthemums have a charm of their own. [The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.]

Double Mixed Varieties—Pkt. 10 cts.

Single Mixed Varieties—Pkt. 10 cts.

COSMOS (A)

These well-known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Early Flowering, Dwarf Mixed—White ground, flushed with delicate pink; a decided acquisition to this class. Pkt. 10 cts. **See**
Mammoth Perfection, Mixed—Flowers of perfect form, great size and beauty. Mixed in same packet. White, crimson, dark pink, white tinted rose. Pkt. 10 cts.



Crested Cosmos.

DAHLIA (A)

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring. Pkt. 5 cts. and 10 cts.

DAISY (P)

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent of double flowers that are as large as any of the named sorts that are propagated by the division of the roots, and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. Tender perennials, 6 inches high.

Mixed Varieties—Pkt. 5 and 10 cts.

DIGITALIS, or FOX GLOVE (P)

A stately old-fashioned border plant, affording dense spikes of brilliant-colored flowers, which are terminal and half as long as height of plant. Colors white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool, shady locations.

Fine Mixed—Pkt. 5 and 10 cts.

DIANTHUS, or PINKS (P)

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in case of culture, freedom of bloom and almost certain satisfactory results they stand close to the Nasturtium. Hardy biennials, blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Mixed, China Pink, Japan Pink—Pkt. 10 cts.

FORGET-ME-NOT—Myosotis (P)

The favorite old border plant that succeeds best in moist situations. It comes into blooming early and the little star-shaped flowers appear to every heart. Hardy perennials. Pkt. 5 and 10 cts.

FOUR O'CLOCK—Marvel of Peru (A)

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart.

Mixed—Pkt. 10 cts.

GAILLARDIA (A)

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Mixed—Pkt. 10 cts.



Dianthus, or Pinks Double Mixed.



Mignonette.

HELIOTROPE (P)

The delicate tinted and fragrant blossoms of this beloved little flower are so well-known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots the plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.

Choice Varieties Mixed—Pkt. 10 cts.

HIBISCUS (A)

Africanus—A free blooming flower of easy culture, producing flowers of large size, 3 to 4 inches across. White with black center. Very desirable for mixed beds or borders. Pkt. 10 cts.

HOLLYHOCK (P)

For a back ground to a flower garden, nothing is better than this tall, old-fashioned garden favorite. The large, richly colored blossoms, about 3 inches across, ranging from deep yellow and red to pure white, are set as rosettes around the strong growing flower stalk. The Hollyhocks of to-day are entirely different and more beautiful than the plant of years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. Sow the seed in May or June, in open ground, and in the autumn, when the plants have made five leaves, transplant to permanent position 2 or 3 feet apart. The following summer they will bloom.

They grow to a height of 5 ft., and if the stalks show a disposition to fall, tie stakes to them to hold them up. The Double Hollyhock are the most desirable.

Fine Double Mixed—White, red, crimson, yellow. Pkt. 10 cts.

Single Mixed—Pkt. 10 cts.

Yellow—Pkt. 10 cts.

Red—Pkt. 10 cts.

LARKSPUR (A)

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red, show splendidly and for large gardens is invaluable.

Mixed—Pkt. 10 cts.

MARIGOLD (A)

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

Mixed—Pkt. 10 cts.

MIGNONETTE (A)

This popular little flower is well-known as one of our most fragrant plants, and a universal favorite. If sown at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Mixed—Pkt. 10 cts.



Pansy.

MORNING GLORY Large-Flowering Varieties

Convolvulus—The Convolvulus Major is an annual of rapid growth; large flowers of many colors; suitable for porches or arbors, blooming in July and constantly till frost. Pkt. 10 cts.

NASTURTIUM (A)

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil the flowers are produced in abundance during the season. Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Dwarf Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the Dwarf variety. The plants form a small round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt. 5 and 10 cts.

Tall Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the tall variety, are of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt. 5 and 10 cts.

PANSY (P)

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring. Pkt. 5 and 10 cts.

Faust (King of the Blacks). Pkt. 10 cts.

Masterpiece—Not excelled in good quality. Pkt. 10 cts.

Giant Trimardeau—Mixed colors. A distinct class of strong-growing plants bearing enormous flowers, often measuring over 3 inches in diameter. Pkt. 10 cts.

Fine Bedding Mixed. Pkt. 10 cts.

PHLOX DRUMMONDII (A)

One of the prettiest and most popular of garden annuals. Make very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors. Pkt. 10 cts.

POPPY (A)

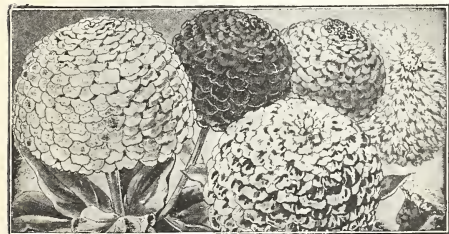
Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart.

California Mixed—Pkt. 10 cts.

PETUNIA (A)

There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly where the plants are to remain, or for early blooming sow in the house in boxes.

Single Mixed—Pkt. 10 cts.



Zinnias.

PORTULACA (A)

Low-growing or creeping tender annual, 6 to 8 inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground. Pkt. 10 cts.

PRIMROSE (A)

Green-house or pot plants, bearing trusses of large single or double blossoms in bright colors, as well as soft tints. Sow the seed in April or May for winter blooming.

Large Flowering Mixed—The choicest varieties mixed. Pkt. 10 cts.

SALVIA SPLENDENS—Scarlet Sage (A)

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt. 10 cts.



Poppy.

SWEET WILLIAM (P)

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders. Pkt. 10 cts.

VERBENA (P)

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow in April in open ground, or can be started earlier indoors.

Mammoth Flowered Mixed—This strain produces blooms of the most brilliant colors. Pkt. 10 cts.

VIOLETS (P)

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms. Pkt. 10c.

WALLFLOWER (P)

This is a fine bedding plant, but it is more often grown as a pot plant and for this purpose is well adapted. The flowers are very fragrant and usually of various shades of yellow, brown and reddish brown. An old-fashioned flower—always popular. Sow early in the year in boxes and transplant. Pkt. 10 cts.

ZINNIA (A)

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Red Riding Hood—Pkt. 10 cts.

Dahlia Flowered, Mixed Colors—Pkt. 10 cts.

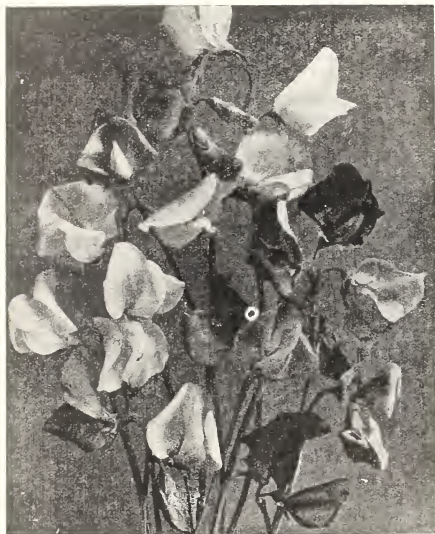
SWEET PEAS

These beautiful and fragrant flowers are becoming more popular each year, and should be grown in every vegetable and flower garden. They are hardy and easy to grow, and bloom profusely for many weeks if properly cultivated.

Sow in the spring as early as the ground can be worked, in rows 3 feet apart, and to get the best results they should be staked as they grow about 4 feet high. For very early blossoms sow in September or October and cover with straw or litter during the winter.

SPENCER SWEET PEAS

The Spencers are a race or type of Sweet Peas with extra large flowers, fully double the size of the older forms under good cultivation. The spencers have very long stems, and wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. The



Spencer Sweet Peas.

Spencer type will not stand careless cultivation, but if you give them careful cultivation, they will fully repay you for the extra trouble by their exceptional size and beauty. Pkt. 10 cts.

SUPERB MIXED

This is the best possible mixture that can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering varieties of every shade and color from pure white to dark maroon. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and cannot be surpassed at any price. Pkt. 10 cts.

GENERAL LIST OF VINES, or CLIMBERS

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

BALLOON VINE—Love-in-a-Puff (A)

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt. 10 cts.

BALSAM APPLE (A)

A very desirable climber, bearing large, prickly, pear-shaped yellow fruit, the flesh of which when kept in alcohol make a most effective pain-killer and healer of cuts, bruises, etc. Pkt. 10 cts.



Morning Glory.

CYPRESS VINE (A)

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white which contrast most effectively with the graceful foliage. Height about 15 feet. Pkt. 10 cts.

GOURDS (A)

Climbers of rapid growth, which are well fitted for covering fences, arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Pkt. 10 cts.

MOON FLOWER, or EVENING GLORY (A)

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting, it is best to file a small hole in one end through the outer hull and soak for 36 hours in warm water to hasten germination. Pkt. 10 cts.

MORNING GLORY (A)

Imperial Japanese Morning Glory.—These are much the handsomest flowers in Morning Glories, of gigantic size, and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, also marble, striped and splashed sorts. The Vine is not quite so vigorous a climber as the old-fashioned Morning-Glory. Pkt. 10 cts.



Moon Flower.

IRIS GERMANICA (German Iris)

This group blooms in May with wonderful combinations of colorings; leaves broad, sword-like. We have an assortment of the best varieties.

	Mail Each	Doz.
Beethoven —Purple.....	\$0.25	\$2.50
Florentina Blue —Deep Blue.....	.25	2.50
Harlequin Malinai —White and violet-blue.....	.25	2.50
Lady Jane —Copper-rose colored.....	.25	2.50
L'Africain —Rose-purple.....	.25	2.50
President Thiers —Brown and white.....	.25	2.50
Roi des Belges —Red and purple.....	.25	2.50
Striata —Yellow.....	.25	2.50
Velveteen —White and yellow.....	.25	2.50
Viscount de Brabant —Yellow and white.....	.25	2.50
Mixed Varieties.....	.25	2.50

CANNAS (Dormant Roots)

Particularly handsome and useful for mass bedding or spacing out with other plants in borders. We consider the following among the best varieties and all give complete satisfaction.

	Each	Doz.
Hungaria —The finest pink grown, bluish green leaves.....	\$0.15	\$1.50
King Humbert —Rich orange scarlet, flaked carmine and rose bronze leaves are distinctively heart-shaped; 4 feet.....	.10	1.00
The President —Green leaves; flowers are round rich and firm, purest scarlet; height 3½ to 4 feet.....	.10	1.10



A Bed of Choice Peonies.

GLADIOLI**Valuable Cultural Hints for the Amateur**

Culture.—Gladioli will succeed in all kinds of soil, provided the location is a sunny one. Before spading or plowing, manure the ground thoroughly, as the Gladioli likes a rich ground.

Time of Planting.—Just as soon as the frost is out of the ground, and the beds are properly prepared, the bulbs can be planted. If the flowers are wanted in successive crops, it is best to make weekly plantings, and, if planted as late as July 10th, the flowers will appear before frost time.

Depth and Distance to Plant.—Our recommendation is to plant 4 inches deep and 4 inches apart.

	Each	Doz.
America —Beautiful, soft shell pink, large open flowers.....	\$0.06	\$0.60
Lily White —A fine pure white, very early.....	.07	.65
Niagara —Soft creamy yellow, slightly tinted rose.....	.06	.75
Panama —Beautiful clear pink, large wax-like flowers.....	.07	.75
Peace —White with lilac mark in throat, a giant flower.....	.07	.75
Schwaben —Large flowers of clear canary yellow with small dark red line at throat.....	.08	.85
Mixture —These are the above mentioned and others which have become mixed through handling.....	.05	.50
1910 Rose —Early, wine color, extra fine.....	.07	.75



Dahlia.

DAHLIAS OF SPECIAL INTEREST

We have listed only a few of the best known varieties for cut-flower.

	Prepaid	Each	Doz.
Delice. (Dec.)—Beautiful glowing rose pink.....	\$0.20	\$2.00	
Jean Kerr. (Show).—A pure white.....	.40	4.00	
Mina Burgle. (Dec.)—Rich dark scarlet on long stems.....	.25	2.50	
Patrick O'Mara. (Dec.)—Soft pleasing shade of orange, buff tinted rose. There is no better dahlia than this.....	.75	7.50	
Mad. A. Lumiere. (Dec.)—Pale white, violet red points.....	.25	2.50	
Sylvia. (Dec.)—Pink, white center.....	.25	2.50	
Lavine. (Dec.)—Pure deep lilac.....	.25	2.50	
Millionaire. (Dec.)—Lavender with pink cast.....	.65	6.50	
Mixture —Select quality.....	.10	1.00	

PEONIES (Strong Divisions)

	Each	Doz.
Edulis Superba. 7.6. (Lemon, 1834).—Dark pink, even color; large, loose, flat crown when fully open. Very fragrant; upright growth; early bloomer. One of the best commercial Peonies.....	\$0.60	\$6.00
Felix Crousse. 8.4. (Crousse, 1881).—Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth; midseason.....	1.00	10.00
Festiva Maxima. 9.3. (Miellet, 1851).—Paper-white, crimson in markings in center. Very large and full, rose type; very tall, strong growth; early.....	.75	7.50



Bed of Cannas.

IRISH POTATOES



Houlton Early Rose.



Irish Cobbler.

Selected Seed Irish Potatoes is one of our specialties. Our Maine Grown Seed are grown under personal supervision of the most reliable and experienced growers in Maine and great care is exercised from the selecting and planting of the stock to the harvesting, grading and shipping of the crop. Customers should keep in mind that our Potatoes are Seed stock, grown for planting and should not be confused with ordinary commercial Potatoes so often offered as seed stock.

PRICES SUBJECT TO MARKET CHANGE

CULTURE—Irish Potatoes should be planted in the spring as early as the ground can be prepared. In rich soil, rows 3 feet apart, placing cut tubers 15 inches apart in the row. A well balanced Potato Fertilizer should be used, rather than stable manure, which has a tendency to make the Potatoes grow rough with scab.

For late crop, plant from June to August. We recommend sprinkling Powdered Sulphur on Potatoes when they are cut for planting, which is a preventive of blight and scab and also prevents bleeding, which weakens the vitality of the Potato and is in other ways injurious. Many of our largest Potato planters always use Sulphur with the best results—1 pound is sufficient for 1 bushel of Potatoes. For price of Sulphur, see page 33. Potatoes should always be cut several days before planting, as the cut should heal somewhat before putting them in the ground. In the Potato growing sections of Maine, the most successful growers always cut their Potatoes 4 to 6 weeks before planting.

IRISH COBBLER—This well-known Potato is more generally grown for early crop than any other variety. It is an extra-early large white Potato, having very few small potatoes in a hill; hardy and vigorous grower; is also largely grown for home use as well as for market.

HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this Potato is absolutely true to name, and should not be compared with the cheap Western-grown stock so generally offered.

GREEN MOUNTAIN—A large, handsome, pure white Potato, for main or late crop; a prolific yielder and invariably of fine table quality, cooking dry and mealy. It has largely superseded other varieties for late planting; is also one of the best varieties for main crop, maturing about 2 weeks later than the Irish Cobbler.



Green Mountain.

McCORMICK.—Should be planted in July and early in August. It is one of the heaviest yielders.

SWEET POTATOES

CULTURE.—These should be planted in hotbeds in April and kept well watered. As soon as the plants are ready and danger of frost is past in May or June they should be transplanted to rows 3 feet apart, setting the plants 16 inches apart in the row. Prices fluctuate very much, frequently from day to day. Write us for prices in season when ready to plant.

Seed Sweet Potatoes are very perishable, and will not keep very long after being taken out of storage, especially in damp or rainy weather. For this reason we cannot carry them in stock for any length of time, but get them in fresh from day to day. We ship only good, fresh, sound Potatoes, in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.

PORTO RICO, or CUBAN YAM.—This Potato has been grown extensively in the South for many years, and was introduced by us into this section some years ago. It has golden yellow flesh with pinkish skin, and is the largest yielding potato we know of. It is also by far the best keeping Potato known. The longer it is kept the sweeter it gets. Write for price in season.

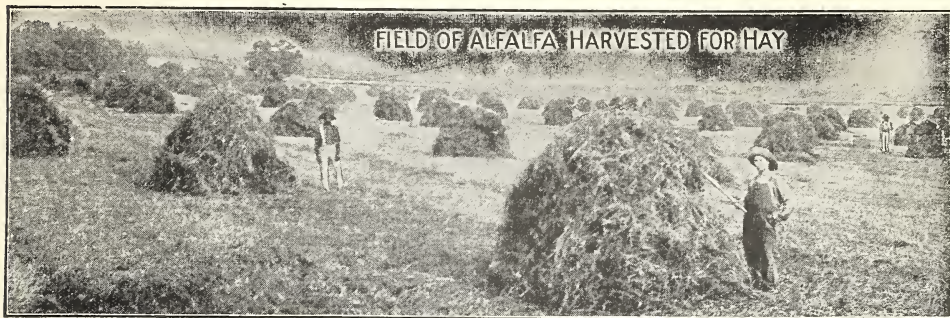
WHITE YAM, or HAYMANS.—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potato and keeps better. Write for price in season.

PUMPKIN YAM, or NANCY HALL.—Has flesh of golden yellow color, hence its name Pumpkin Yam. It cooks soft, juicy and sweet.

Prices on request.



HANOVER YELLOW.—The leading Yellow Potato in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size; yields well; cooks dry and sweet. Write for prices in season.



FIELD OF ALFALFA HARVESTED FOR HAY

CLOVERS

ALFALFA is probably the most talked of, most widely grown, and the most profitable of all varieties of Clover grown in the South. It will produce from 5 to 7 tons of hay to the acre each year, and it can be cut four, and with favorable weather conditions, five times a year, and it does not exhaust the soil; its long roots penetrate 15 to 20 feet in the ground, and it therefore successfully resists droughts and gets moisture from this depth during dry spells, whereas any other crop would be a failure. Although Fall sowing is preferable, good results can be obtained from spring sowing, if sown in March or early April. It should be seeded on high and rather dry land, as it does not succeed as well on wet grounds. It should be seeded at the rate of about 20 to 25 pounds to the acre broadcast. The soil should be thoroughly prepared and a plenty of lime applied, not less than 1,000 lbs. to the acre, and if your land has never had Alfalfa grown on it before be sure to inoculate the seed with Mulford Culture (listed on page 32), for without inoculation your success is exceedingly doubtful. Alfalfa is adapted to almost the entire South, and is said to have the highest feeding value of any other Hay. Do not risk your crop of Alfalfa by sowing cheap or inferior seed. Our Alfalfa is the highest grade seed we can obtain, both in purity and germination.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

As the Argentine or South American Grown Alfalfa has proven very satisfactory in this section and the price is lower than North American Grown Seed, we are offering this year both stocks, although we recommend the North American Grown Seeds for this section. Prices fluctuate; quotations on request.

RED CLOVER—This is the common Red Clover so popular and well known everywhere—the farmer's friend and soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 10th, and will be ready for mowing the following spring. Sow 12 to 15 pounds to the acre. Prices fluctuate; quotations on request.

MAMMOTH, or SAPPING CLOVER—Very much like the common Red Clover, but of heavier growth and about 2 weeks later in maturing. Especially recommended for thin soils. Sow 12 to 15 pounds to the acre. Prices fluctuate; quotations on request.

ALSIKE CLOVER—This is probably the best variety to sow with other grasses for a good hay. On stiff, moist soil, makes a good pasture and a very valuable hay. Stands cold well, on either wet or dry soils. Splendid for bees. Alsike is growing more in favor each year as its qualities become better known. Sow 10 to 12 pounds to the acre. Prices fluctuate; quotations on request.

WHITE DUTCH CLOVER—Thrives in any soil or climate, and being of low, creeping growth, is especially valuable for pastures and lawns, also for bees as it probably makes better and clearer honey than any other blossoms. Prices fluctuate; quotations on request.

WHITE BOKHARA, or SWEET CLOVER—This is a good clover to sow on poor or thin land as a soil improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed with alfalfa; is also valuable for bees; we recommend this Clover for poor soil. We recommend and offer only seed which have been scarified and thoroughly re-cleaned. Sow about 15 pounds to the acre. Prices fluctuate; quotations on request.

CRIMSON, or ANNUAL CLOVER—Makes excellent green foliage, or if cut when in bloom will make good hay, especially valuable for improving the soil, making a quick, heavy and very valuable crop for soiling. May be sown to advantage in corn, cotton and tobacco at the last cultivation, and will afford a dense mat for plowing under in spring. Crimson Clover fallowed under makes an excellent preparation for corn, as it keeps the soil in a mellow condition and helps to hold moisture. Sow 25 to 30 pounds to the acre from July to November. Prices fluctuate; quotations on request.

WHITE BLOOMING CRIMSON or ANNUAL CLOVER—This grows identically like the well known Crimson Clover with the exception that it has white seed and a white blossom, is about two weeks later in maturing and makes a heavier growth. Customers sowing both the White Blooming and the Crimson Clover will have a green food over a longer period. When seeded 10 pounds per acre with a bushel of either wheat or winter oats makes a heavy crop of excellent hay. Prices fluctuate; quotations on request.

JAPAN CLOVER, or LESPEDEZA—This is valuable to sow on poor worn-out fields, hillsides, thin woods, groves, and wet bottom lands for summer pasture and for improving the land. It does not produce enough hay in this section to make it of much value for this purpose, but it is particularly valuable for late summer grazing on land that cannot be used for other purposes. Sow 10 to 15 lbs. per acre broadcast in March or April and do not graze it early if you wish it to re-seed. While the plants winter-kill, it reseeds itself and thickens every year and will soon spread. Prices fluctuate; quotations on request.



Crimson Clover.



Red Clover.

Insure a Good Grass Crop
By Using
**SWIFT'S RED STEER
FERTILIZER**

GRASSES



TIMOTHY—Very nutritious, and salable for hay, but not recommended for pasture, as it is injured by close cutting or grazing. Thrives best on heavy moist soils; should not be sown on light dry land. Good crops of hay are obtained if mixed with Red Top or Herd's Grass and Sapling Clover, or some grass maturing at the same time. Sow 15 lbs. to the acre. Prices fluctuate; quotations on request.

HERD'S GRASS, or RED TOP—This excellent pasture and hay grass does well on any soil, but, perhaps, thrives best on moist, heavy soils. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at the same time as Timothy, with which it makes a good mixture. Sow 10 to 12 lbs. to the acre. Prices fluctuate; quotations on request.



Timothy.

ORCHARD GRASS—This is one of the most reliable grasses for hay or pasture grown in this section, making a quick, vigorous and continuous growth from early spring to winter. Sow 25 lbs. to the acre in the spring or fall, and in any soil; loamy upland is best. It is excellent to mix with other grasses. Prices fluctuate; quotations on request.

TALL MEADOW OAT GRASS—A most valuable grass for the South, as it stands heat and drought well and flourishes on dry, light soils. Splendid for pastures and for hay; it may be cut twice in a season. Sow 25 lbs. to the acre. Prices fluctuate; quotations on request.

KENTUCKY BLUE GRASS—This grass succeeds best on light stone soils, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. Used for lawns or pastures. Sow either in the fall or spring. 30 lbs. to 35 lbs. to the acre. Prices fluctuate; quotations on request.

MEADOW FESCUE—Remains green all winter, making fine, nutritious pasture, and also yields well as a hay crop. Largely used for grazing. Sow about 30 lbs. to the acre. Prices fluctuate; quotations on request.

PERENNIAL RYE GRASS—Good for hay and pastures, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early and lasts several years. Sow 30 lbs. to acre. Prices fluctuate; quotations on request.

ITALIAN RYE GRASS—Larger and stronger than Perennial Rye Grass; has large, broad, glossy green blades. Thrives best on moist, fertile soils, furnishing 2 to 3 cuttings a year. Sow about 35 lbs. to the acre. Prices fluctuate; quotations on request.

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth; prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold; for this reason is used extensively on golf links. It is very similar to our Virginia Wire Grass. Sow in March or April, August and September about 10 lbs. to the acre, in well prepared soil. Prices fluctuate; quotations on request.

SUDAN GRASS

This is an annual grass and if seeded in May can be cut twice and with favorable seasons three times a year, but it can be seeded as late as July and will make one cutting.

Grows 6 to 10 feet high, when drilled; or if seeded broadcast, 3 to 5 feet. In appearance, it is similar to the Johnson Grass, but does not root as deeply—as it is an annual it is killed out through the winter, and can never become a pest, as has Johnson Grass in some sections of the South. It is, however, a great drought resisting Grass, and is easily cured, making a good hay crop, and all stock relish and thrive on it. This Grass should not be sown until the ground becomes thoroughly warm, about the first of May. Farmers in the South, who have grown this Grass, are very enthusiastic about it. It has become a popular hay crop. Sow 5 lbs. to the acre in drills 2 feet apart; or if broadcast, 20 to 25 lbs. to the acre. Prices fluctuate; quotations on request.



Sudan Grass.

Prices on Request.



The Cyclone Seed Sower

This is a splendid little Seeder at a very modest price.

Sows seed evenly; also Fertilizers, Bone or Ashes. Will pay for itself in a few hours. Made of tin and fits the body snugly.

Price, \$2.50 each. Mailing weight, 5 lbs.

FIELD, or COW PEAS



Brabham Cow Peas.

Prices of Cow Peas are frequently changing. Write us for prices when ready to buy.

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improves the poorest land and enriches the best. It is also a splendid forage and field crop, producing a heavy growth of excellent feed. All of our Cow Peas are thoroughly re-cleaned and put up in even weight, good sacks. The hulls, sticks, cracked and broken peas are taken out, and they should not be compared with peas commonly offered just as they come from the farmer's hands, which are rarely ever re-cleaned and in very poor sacks. The market prices are unsettled at the time this Catalogue goes to press. Write for quotations.

TAYLOR, or LARGE GREY WHIPPOORWILL.—A large speckled pea with long pods, and makes a heavy yield of shelled peas. It matures early, and grows upright; also makes large vine growth. Prices fluctuate; quotations on request.

BLACK.—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. On account of its nutrition and yield of peas, is probably the best variety to sow for hogs. Prices fluctuate; quotations on request.

BRABHAM.—This pea resembles the well known brown Whippoorwill, but is smaller; upright growth, holds its foliage well, making it a valuable pea for hay. Is very hardy and prolific in both peas and forage. Is rapidly becoming one of the most popular peas in the South. Prices fluctuate; quotations on request.

IRON.—This is a good variety to plant for a hay crop or forage. It also yields abundantly of peas. In some sections of the South it is sown almost exclusively. The seed of this variety is small, consequently it does not take as many seed to an acre. Prices fluctuate; quotations on request.

NEW ERA.—An extra early cow pea. Makes a very heavy growth of vine and is prolific of peas, which are speckled and very small, and on this account it does not require near as much seed to an acre. One bushel or even less is sufficient. Holds its leaves well. Prices fluctuate; quotations on request.

GROIT.—This variety is a cross between the New Era and Whippoorwill and is becoming more popular each year. It probably yields more peas per acre than any other variety known in this section. Prices fluctuate; quotations on request.

BROWN WHIPPOORWILL.—Early, brown speckled peas; one of the most popular varieties; does not have long trailing vines and is therefore easier to harvest for hay. Holds its leaves well. Prices fluctuate; quotations on request.

CLAY.—This is a late running variety. Makes a heavy growth of vine and is therefore more generally used and recommended for plowing under. Prices fluctuate; quotations on request.

MIXED COW PEAS.—We offer a choice mixture of the principal varieties, which produces a thicker and better crop than any single variety. The bush varieties help to hold the running varieties off the ground. For this reason there are many more mixed peas used than any one variety. Prices fluctuate; quotations on request.

BLACK EYE FIELD PEAS

For Table Use, Forage and Soil Improving, These Are Profitable to Sell Green or Dry for Winter Use.

EARLY RAM'S HORN BLACK EYE.—A large second early Black Eye Pea, ripening just after the extra early; used as a table pea both green and dry. Prices fluctuate; quotations on request.

SMALL BLACK EYE.—A bunch variety, very productive; makes excellent quality of dry peas for winter use. Prices fluctuate; quotations on request.

SOJA, or SOY BEANS

Soja or Soy Beans make a splendid forage crop; they are very nutritious and make a heavy growth of vine. They improve the soil, make a good ensilage and withstand drought better than any other forage crop. They make excellent hog feed and a splendid yield of Beans, which ripen at the same time. They are adapted to growing on almost all kinds of soils and are being more generally sown each year, as their value becomes known.

There are a number of varieties, but we only catalogue a few of the best which have proven valuable and suitable for growing in this section.

EARLY VIRGINIA.—While this variety is particularly adapted to the South, on account of its earliness it is also a favorite variety for growing in the North and West where the growing seasons are much shorter. It makes an excellent yield of hay as well as yielding a large crop of Beans, and its profuse leafage and fine stems and stalks make a hay considered by many as good as Alfalfa, all of which is consumed by the stock. Prices fluctuate; quotations on request.

WILSON EARLY BLACK.—A very popular early variety growing about 3 feet in height. These are used extensively in the Northern States, where the growing season is not long enough for the Mammoth Yellow to mature. It makes a finer Hay than the Mammoth Yellow, as it has smaller stems. Prices fluctuate; quotations on request.

MAMMOTH YELLOW.—Decidedly the largest growing Beans and the most popular variety to grow where the seasons are long enough for them to mature. They will make more tons of hay per acre than any other variety, also yields heavily of beans. Perhaps the best variety to produce oil and meal. Prices fluctuate; quotations on request.

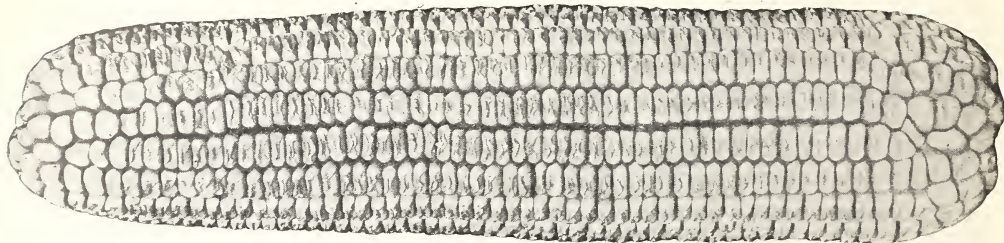
Canada Field Peas

This variety is of the English pea family. Has small seed and pods, grows 4 to 5 feet high, and makes excellent early hay; also makes splendid bog feed and early fallow. For best results we recommend sowing Apple or Fulghum Oats with these in February or March at the rate of one bushel peas and one bushel oats to the acre, which combination makes a splendid hay crop. They also do well when sown in November with either wheat, rye, oats, or barley. We recommend the American grown peas as being far more preferable than the cheaper imported peas. Our stock is the best American Grown Seed. Prices fluctuate; quotations on request.



Soja or Soy Beans.

SEED CORNS



All of our Field Corns are grown under contract especially for seed purposes. The seed is selected and saved only from the largest and best ears. It is carefully graded, screened, and fanned, which removes all small and broken grains.

Owing to the great care we exercise in growing, selecting, grading and shelling our Corns and the superiority of our strains, we sell this in large quantities to many seedsmen in other States.

BALDERSON'S VIRGINIA STATE WHITE DENT.—Years of careful breeding and selecting has developed this beautiful strain of large White Corn. It is a great improvement over the old White Dent. It is very hardy, uniform in size and productive. Is pure white, large ear, medium size cob, fills out well at both ends. Prices fluctuate; quotations on request.

EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific. The ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, white variety, and makes excellent meal. Especially adapted to rich low grounds, and is decidedly the best ensilage variety. Prices fluctuate; quotations on request.

BOONE COUNTY WHITE—A large eared variety of white corn. Has deep, soft and very white grains; it is a vigorous grower, is very popular and has taken more premiums for large yield than any other variety. Being a soft corn it is excellent for stock feeding, but is more likely to rot on the stalks in a wet season than harder varieties. Our seed is grown from premium stock. Prices fluctuate; quotations on request.

HICKORY KING—An early low growing corn which can be planted closer together than the large corns. It has a very small cob with large broad grains. Especially recommended for high, light land. Will yield more shelled corn per barrel of cob corn than any other kind. Is said to make better meal than any other variety. Prices fluctuate; quotations on request.

VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Prices fluctuate; quotations on request.

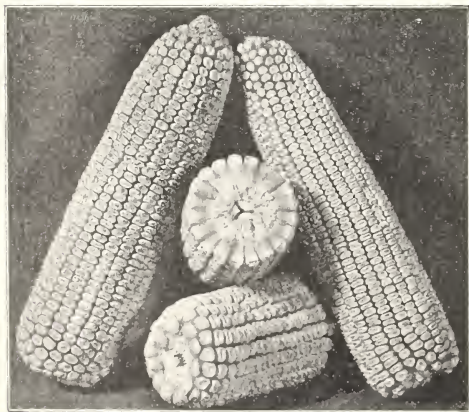
Prices on request.

BALDERSON'S IMPROVED GOLDEN DENT

The Best Early Yellow Corn

As a result of carefully selecting, breeding, and growing this variety for many years, we now claim that in this Corn we have decidedly the best yellow Corn ever grown in this section. In fact, it has about superseded all other varieties of yellow Corn in this vicinity. It is a hardy, healthy, vigorous growing Corn, and a good ensilage variety, and while we do not claim it to be a prolific Corn, it yields from one to two nice large ears to the stalk. Our customers who have been raising this Corn for years report it as being by far the best yellow Corn, and it has fewer barren stalks than any Corn they have ever grown. It has large, broad grains of a rich golden color. It is not a flint variety, but it is a moderately hard corn, and because of this it does not rot in the fields during continued rainy weather, as many varieties of yellow Corn do. We sell this Corn in very large quantities to the seed houses throughout the South and North. It is exceptionally early, maturing in about ninety days, and because of its earliness it is now being more largely grown in the Northern States each year for ensilage and other purposes, where the growing seasons are not long enough for the large late White Corns to mature. In this Corn we think we have decidedly the best yellow Corn for any purpose. Prices fluctuate; quotations on request.

Prices on Request.



Boone County White Corn.

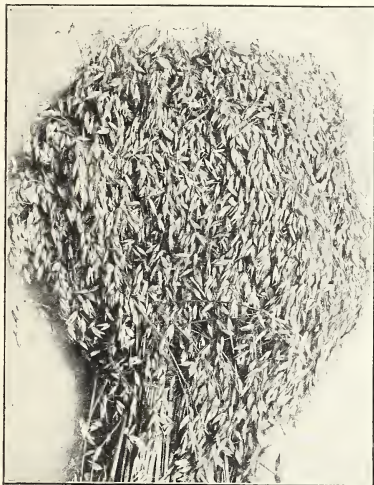


Improved Golden Dent.

MISCELLANEOUS FARM SEEDS

OATS

BURT, or NINETY-DAY—The best Spring Oats, as it is the earliest variety, is nearly rust-proof, hardy and vigorous, and yields more grain and feed. On account of its earliness it is more satisfactory to grow than any other spring oat. While it is called a 90-day oat, we have known crops to mature in much less time. Sow 2 bushels to acre. Prices fluctuate; quotations on request.



Burt, or 90-Day Oats.

VIRGINIA GRAY WINTER, or TURF—This has long been by far the most popular variety in this State for Fall seeding. Though a winter oat, they also succeed well if sown early in the spring, making surest crop if sown by March 15th. Sow $1\frac{1}{2}$ to 2 bushels to the acre.

FULGHUM—This oat is of rust-proof type, somewhat earlier than the Appler, and is a heavier yielder of grain. Is largely used in the South, and is being more generally grown each year. Prices fluctuate; quotations on request.

APPLER—An early red oat, similar to the Rust Proof, but hardier and yields more grain. Adapted to either spring or fall sowing. We highly recommended these oats. Prices fluctuate; quotations on request.

RED RUST-PROOF—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Sow two bushels to acre. Prices fluctuate; quotations on request.

WHITE SPRING—A well known large, heavy White Oat for spring seeding. Sow 2 bushels to the acre. Prices fluctuate; quotations on request.

Navy Beans

A very profitable market crop, and the leading table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; about 20 lbs. to the acre. Height 12 inches. Prices fluctuate; quotations on request.

Sorghum

Sorghum or Sugar Cane should be sowed in May after danger of frost is past. For Syrup sow in rows 3 feet apart, about 15 lbs. to the acre. For fodder, sow broadcast about 75 lbs. to acre. Sorghum should be more generally grown for making syrup. It is easy to grow and many people much prefer home-grown sorghum molasses to Southern syrups. Makes splendid hay or green forage when seeded together with Cow Peas broadcast at the rate of 25 lbs. of sorghum and 1 bushel of Peas to the acre. This combination should be sowed only on good land however, when it will make a heavy crop of hay.

EARLY AMBER SORGHUM.—Grows 10 to 12 feet high; yields

heavy nutritious forage, either dry or cured; very sweet; also makes good syrup. Prices fluctuate; quotations on request.

MILLET

GOLDEN OR GERMAN MILLET

Sow broadcast from May to July, 50 lbs. to the acre. Millet makes a good yield of feed if sown on good land, but does not do well on thin land.

TENNESSEE GROWN.—This makes much larger growth and has larger heads than the Southern Millet and is regarded far superior to the ordinary Southern Millet. Prices fluctuate; quotations on request.

CHOICE SOUTHERN—The well known Millet. Prices fluctuate; quotations on request.

Japanese Buckwheat

This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds, also splendid for poultry. Sow 1 bu. to the acre in June, July or August. Prices fluctuate; quotations on request.

DWARF ESSEX RAPE

Excellent for grazing all kinds of stock and poultry. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and is ready in eight weeks after sowing. Sow 10 lbs. to the acre broadcast; 5 lbs. if drilled. Prices fluctuate; quotations on request.

VETCHES

SAND, or HAIRY VETCH—A nutritious and valuable forage and soil-improving crop. Makes a large and quick growth. Sow from July to November, preferably with grain, which will hold Vetch off the ground. To get the best results sow 20 pounds to the acre, together with one bushel of either Wheat, Oats, Rye or Barley. Prices fluctuate; quotations on request.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

We will have at seeding time in the fall the leading Varieties of Seed Wheats, Rye and Barley, and will be glad to quote current prices in season on request.



Golden Millet.

Pratts

Poultry and Animal Regulators and Remedies



PRATTS POULTRY REGULATOR (For Health and Eggs)—It is a natural tonic supplying numerous health necessities required by heavy laying hens. Tones up the system, regulates the bowels, aids digestion, sharpens appetite, wards off disease and increases vitality. Use it for breeders, layers and growing stock. Pkg. 25 cts.; 9-lb. pkg. \$1.10; 25-lb. bag \$2.50.

cts. (post wt. 3 lb.); pkg. 50 cts. (post wt. 5 lbs.); 9-lb. pkg. \$1.10; 25-lb. bag \$2.50.

PRATTS POWDERED LICE KILLER—Effective, non-irritating. It quickly and thoroughly kills lice on little chicks, big chicks, setting hens and incubator chicks. It rids horses, cattle, hogs, dogs, and cats of lice, and destroys ticks on sheep. It destroys many insects and bugs on vines, plants and flowers. Drives out moths from closets, furniture, carpets and clothing. In sifter top cans. Pkg. 25 cts. (post wt. 2 lbs.); pkg. 50 cts. (post wt. 3 lbs.).



PRATTS POULTRY DISINFECTANT—Insures poultry health. It is a cheap, powerful, non-poisonous disinfectant. Spray it about poultry houses, roosts, dropping boards, nests and where ever a strong disinfectant is needed. A deodorized, germicide and liquid lice killer. Effective in the treatment of roup, cold and contagious diseases. Qt. 55 cts.; half-gal. 95 cts.; gal. \$1.60. Cannot mail.

PRATTS ROUP TABLETS OR POWDER—Use it as a treatment or a preventive. A simple, powerful remedy with a long record of success in the treatment of colds, roup, diphtheria, catarrh, etc. Pkg. 25 cts. (postpaid 30 cts.); large pkg. 50 cts. (postpaid 55 cts.).

PRATTS SPECIAL COMPOUND—For indigestion, sour craw, dysentery and other troubles. 25 cts. and 50 cts. pkgs. (post wt. 1 lb. each.).

PRATTS WHITE DIARRHOEA TABLETS—50 cts. (post wt. 1 lb.); and 25 cts. (post wt. 4 lbs.).



Pratts Buttermilk Baby Chick Food

Made of sweet, wholesome, pure ingredients; mechanically predigested. Use it for your chicks for the first month or six weeks and watch results. It is full of bone, muscle, feather and health builders. Chicks grow strong, uniform, vigorous and sturdy, and are free from leg weakness, pasting up and digestive troubles. One of the best Life Insurance for your chicks.



Pkg. 25 cts.; (post wt. 3 lbs.); pkg. 50 cts. (post wt. 7 lbs.); 14 lbs. 95 cts.; 25 lbs. \$1.65; 50 lbs. \$3.00; 100 lbs. \$5.75.

PRATTS SORE HEAD AND CHICKEN POX PREPARATION—60 cts. and 30 cts. (post wt. 1 lb. each.).

PRATTS ANIMAL REGULATOR—Pkgs. \$1.00 (post wt. 7 lbs.); 50 cts. (post wt. 4 lbs.); and 25 cts. (post wt. 2 lbs.).

PRATTS HEAD LICE OINTMENT—30 cts. (post wt. 1 lb.).

PRATTS SCALY LEG OINTMENT—30 cts. and 60 cts. (post wt. 1 lb. each.).

PRATTS GAPE COMPOUND—25 cts. and 50 cts. (post wt. 1 lb. each.).

PRATTS COW TONIC—Pkg. 50 cts. (post wt. 2 lbs.).

PRATTS HOG TONIC—Pkg. 50 cts. (post wt. 4 lbs.); pkg. \$1.00 (post wt. 9 lbs.).

PRATTS VETERINARY COLIC PREPARATION—Bottle 60 cts. (post wt. 7 ozs.).

PRATTS HEAVE, COUGH AND COLD PREPARATION—Pkg. 50 cts. (post wt. 2 lbs.).

PRATTS FLY CHASER—2-qt. can. 80 cts. 1-gal. can. \$1.30. Cannot mail.

PRATTS RED MITE SPECIAL—1-qt. can. 50 cts. Cannot mail.

PRATTS HEALING OINTMENT—Pkg. 25 cts. (postpaid 30 cts.).



No. 2006. STAR ALL-METAL NESTS.—6-hole double tier section, weight 35 pounds. \$8.00.

No. 2050. STAR GIANT MASH FEEDER.—Saves feed, time and labor. This Mash Feeder, complete with special hopper for grit, shell and charcoal and waterer is, without a doubt, the greatest Mash Feeder offered the American Poultry man.—\$12.00.

No. 2035—\$6.75.

No. 2020—\$2.90.

No. 2055—Star Wet Mash or Green Feed Trough; weight 30 pounds. \$6.50.

STAR WALL MASH FEEDERS

- No. 2040—\$4.10.
- No. 2020—\$2.90.
- No. 2007—6-hole Self Feeder, 7 inches long, weight 3-5 lb. 25 cts.
- No. 2013—12-hole Self Feeder, 13 inches long, weight 1½ lbs. 50 cts.
- No. 2025—24-hole Self Feeder, 25 inches long, weight 2½ lbs. 75 cts.

STAR NON-FREEZE WATERERS.—In-ulated. Keeps water warm in winter and cool in summer.

- No. 2033A—2½ gallon capacity; weight 25 pounds. \$4.25.
- No. 2026—Waterer, 6-quart size. \$1.35.
- No. 2022—Waterer, 2-quart size. 40 cts.

HANDY ATTACHMENT.—To be used with any make quart fruit jar. A perfect feeder for sour milk, buttermilk, medicine, water, grain, grit. 25 cts.



No. 2000. STAR MASON JAR WATERER.—This waterer is quickly attached to any Mason fruit jar. Pan is of galvanized steel practically rust-proof and will last for many years; can be washed in a minute. 15 cts.

No. 2011. SOUR MILK FEEDER.—\$1.00

No. 2001. STAR MILK FEEDERS, less jar. 60 cts.

No. 2013A. GRIT AND SHELL HOPPER.—\$1.25.

No. 2016. STAR VENTILATED BROOD COOPS.—Provide safety and comfort for mother hen and chicks. \$2.50.



LEADER FOUNTAIN.—A new sanitary fountain, practical to use, easy to keep clean. A saving of from 30 to 40 per cent over any fountain of its size.

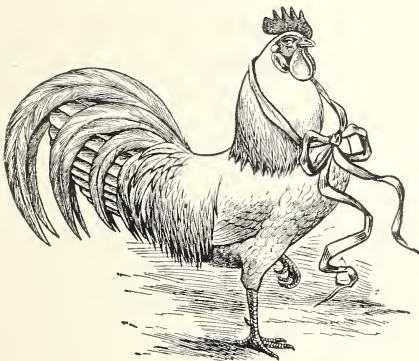
1½ Gallon size. 85 cts. each.

This 3-gallon size has two drinking spaces, making it very convenient for large pen fowl. These fountains hang on the wall with two balls, one at each angle of the ball.

3-Gallon size. \$1.50 each.

STAR POULTRY FEEDS

ARE BLUE RIBBON WINNERS



The manufacturers of the STAR Feeds guarantee every bag of their feed, and claim them the equal of any line of feeds on the market.

STAR FEEDS PRODUCE RESULTS

Star Chick Scratch

A Grain Food Specially Prepared for the Young Chicks.

Star Buttermilk Growing Mash

A Mash Food for Older Chicks.

Star Developing Scratch

A Scratch Grain for Older Chicks.

Star Milk Mash

A Mash Food that is made for Laying Fowls, containing 20 per cent Meat Meal, and Milk.

Star Scratch Feed

A Scratch Grain made for Laying Fowls.

Star-Egg-O

is a wonderful Conditioner and Egg Producer. It is just the Tonic needed for a full egg yield. STAR-EGG-O is fully guaranteed, and if not satisfied, you can get your money back.

We also carry a complete line of STAR Poultry Remedies and Tonics.

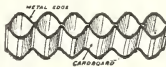
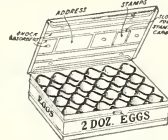
SUNDRY ARTICLES FOR THE GARDENER'S USE

The "Little Wonder" Hedge Trimmer

This is to the hedge what the lawn mower is to the lawn. This handy little implement revolutionizes hedge trimming. It cuts from five to ten times as fast as by the old method of hand trimming and does far better work. It cuts clean and evenly, operates smoothly. It is light and so easy to run that a lady can easily operate it and an amateur becomes proficient almost immediately. It trims every variety of hedge, fancy style, oval square, and side cuts on the hedge as high as four feet and as fast as you can walk.

To get a beautiful, thick, hedge, it is necessary to trim often, at least every three or four weeks, as every time a hedge is cut, new shoots spread out immediately back of the fresh cut. That is why hedges kept well trimmed are so thick and beautiful.

The "Little Wonder" makes the frequent cuttings easy and with practically no expense and you do not have to wait for the gardener to



The Aluminized Metal Egg Crates

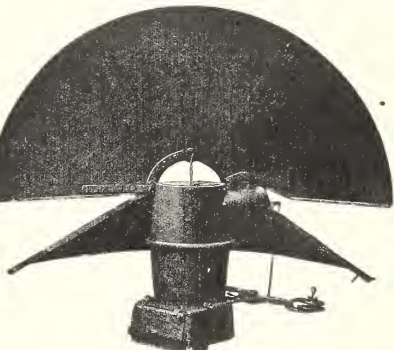
(NEW MODEL)

The aluminized metal egg crate has proven itself by its thousands of users to be the only practical way to ship eggs, butter and other farm products by parcel post.

1½ dozen size—All eggs.....	\$1.25
2 dozen size—All eggs.....	1.50
3 dozen size—All eggs.....	1.75
4 dozen size—All eggs.....	2.00
6 dozen size—All eggs.....	2.50
9 dozen size—All eggs.....	3.25
12 dozen size—All eggs.....	4.00

(Add postage to above prices.)

The "Ohio" Colony Brooder Stove



The "Ohio" Colony Brooder Stove is manufactured in two sizes, the No. 1 Stove with 52-inch hover for flocks of chicks up to one thousand and the No. 2 Stove with 42-inch hover for smaller flocks up to 500 chicks. The smaller size stove has the same features of a folding hover, perfect draft regulation and an improved dump grate as the larger stove. However, it will be noticed from the specifications below that the No. 2 stove is proportionately smaller in coal capacity, has a smaller grate and equipped with a 3-inch smoke pipe instead of a 4-inch opening.

No. 1 BROODER—52-inch Folding Hover. Capacity, up to 1,000 chicks. Shipping weight, 113 lbs. Height 22 inches. Opening at top, 8 inches. Fire bowl, 11 inches at center. Base of stove 12½ inches square. Grate 9 inches. Price, \$26.50.

No. 2 BROODER—42-inch Folding Hover. Capacity, up to 500 chicks. Shipping weight, 85 lbs. Height, 20½ inches. Opening at top, 7 inches. Fire bowl, 11 inches at center. Base of stove, 11½ inches square. Grate, 8 inches in diameter. Price, \$21.50.

come and cut your hedge when it suits his pleasure.

We are the exclusive agents and distributors here for this splendid "Little Wonder" and it will find a long felt want.

Complete descriptive and illustrated pamphlet on request.

No. 2—40-inch cut..... 25.00

JUTE TWINE—For bunching vegetables, tying up tomatoes, grape vines, etc., 2 only or 3-lb., 30 cts. per lb.

STANDARD BINDER TWINE.—Per 5-lb. ball, 75 cts.; 50-lb. bale, \$7.00.

RAFFIA—Used as substitute for twine for bunching vegetables and tying up vegetables and flowering plants to stakes. Per lb., 25 cts.; lbs. at 20 cts. per lb.

GARDEN LINE—Per 50 ft. length, 25 cts.

HOTBED SASH—Yellow pine, grooved without glass. Price on application.

GLASS FOR HOTBED SASH—Per box of 90 lights. Price on application.

MOLE TRAP—A strong galvanized trap. Should be placed over the run. 90 cts. each. (mailing wt. 4 lbs.)

HAND WEEDER—A very handy 4-prong Steel Spring Hand-weeder. A convenient tool for lady gardeners. With 6-inch handle, 3-prong, 25 cts.; 6-inch handle, 4-prong, 35 cts.; (mailing wt. 1 lb. each);

ASPARAGUS KNIVES—Very handy and useful for cutting Asparagus. Each 40 cts. (postpaid 45 cts.).



ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE THESE REMARKABLE QUALITIES

We Sell**Clean--Powerful--Safe****DISINFECTANT
DEODORANT
ANTISEPTIC****For 145 Important Farm and
Household Uses.****Use For**Contagious Abortion
Retained After-birth
Barrenness
Calf Scours—Bloat
Poultry DiseasesLittle Pig Diseases
Barn Disinfecting
Sterilizing
Milk Cans, Bottles
SeparatorsMilking Machines
Deodorizing
Cleaning show Animals
Home Sanitation
Foul Brood in Bees

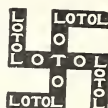
Qt.	.....	\$ 1.25
Gal.	.....	3.00
5 Gal.	.....	12.50

**WHY RAISE ROSES TO FEED BUGS
MELROSINE KILLS THEM**

Melrosine—one of the greatest gifts of science to the gardener. Besides killing Rose Bugs, Blister Beetles and other "difficult" pests. It is a general insecticide and a great cleansing agent. Use Melrosine and you will not have to worry about bugs or plant diseases. It has been tested and proven by leading authorities.

**THE ONE SURE ROSE BUG
REMEDY**

Pleasant and harmless to use. Use with any good spray-pump, diluted with 20 to 25 parts of water. Guaranteed effective when used according to directions on can. Pint \$1.00. Trial size 50 cts. By mail or express at customer's expense. Or trial size, sufficient to make one gallon diluted, and care for several plants for the season, postpaid, for 60 cts.

**THE NEW
INSECTICIDE
JELLY**No
Fuss
No
Muss**LOTOL****KILLS
FLINT
LICE**One Tea-
spoonful
Makes a
Gallon

Lotol is the new insecticide jelly, furnishing an ideal defence against all plant lice (aphis), as well as soft-bodied and sucking insects of every kind. It is easily the most convenient insecticide ever offered.

A teaspoonful makes a gallon of powerful spray solution. Simply dissolve in warm or cold water, fill your sprayer and use. Contains sufficient soap to cause the spray to spread and stick properly. 1 ounce tube, sufficient for 6 gallons, 35 cts.

**SCALECIDE
—THE COMPLETE DORMANT SPRAY—**

The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines—makes them more beautiful, healthful and fruitful. Used by leading fruit growers. Pleasant to use—non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae and disease cankers and fungous spores wintering on the plant. Mixes instantly—dilute 1 to 15. Price: 1 Qt. \$.75; 1 Gal. \$ 1.75; 5 Gals. \$ 6.25; 10 Gals. \$ 10.60; 15 Gals. \$ 13.50; 30 Gals. \$ 26.00; 50 Gals. \$ 38. One gal. equals 3 1/2 gals. lime-sulfur.

Sulfocide—truly "A Better Summer Spray" A concentrated liquid sulfur fungicide. Used on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls: apple scab; brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. Price: 1 Pt. \$.70; 1 Qt. \$ 1; 1 Gal. \$ 2.75; 5 Gals. \$ 8.75; 10 Gals. \$ 15; 30 Gals. \$ 39; 50 Gals. \$ 60.

**SULFOCIDE
A Better Summer Spray**Large returns
Small costNo labor expense
Easy to use**Mulford Cultures****FOR LEGUMES****PRICES FOR MULFORD CULTURE CONCENTRATES****For Small Seeds, Alfalfa, Clovers, etc.**

10 bushel size.....	\$8.00	1 bushel size.....	\$1.00
2 1/2 bushel size.....	2.25	1/2 bushel size.....	.60

For Large Seeds, Soy Beans, Cow Peas, etc.

20 bushel size.....	\$8.00	2 bushel size.....	1.00
5 bushel size.....	2.25	1 bushel size.....	.60

Garden Size (for Garden Beans, Garden Peas, Lima Beans, and Sweet Peas).....**.35**

INSECTICIDES

POISONS AND LIQUIDS CANNOT BE SENT BY MAIL.

All articles on this page which may be sent by mail are so indicated.



HAMMOND'S SLUG SHOT.—A very effective insect destroyer and one of the best powders for destroying bugs and other insects on all vine and garden crops. It comes ready for use and is generally applied dry, but can be used in water. 1-lb. filled canister, with perforated top ready for dusting on, 20 cts. each, 5-lb. pkg. 35 cts.

LIME-SULPHUR (Powdered).—Recommended for spraying fruit trees and all nursery stock. For destroying San Jose Scale and other diseases and insects. This preparation has all the advantages of the liquid material, but eliminates the disadvantages and is less expensive. For dormant spraying use 1 lb. to 5 gallons of water; for summer spraying 1 lb. to 20 gallons of water. Full directions for applying with each package. 1 lb. 30 cts.; 5 lbs. \$1.25; 10 lbs. \$1.90; 25 lbs. \$4.00; 50 lbs. \$7.50.

DRY BORDEAUX MIXTURE.—This is a true Bordeaux Mixture in dry powdered form, requiring only to be mixed with cold water to give a standard Bordeaux Mixture Spray for fruit trees, shrubs, vegetables, etc. The convenience and value of having Bordeaux in dry powdered form will be instantly appreciated by all fruit growers. It is also less expensive than the liquid Bordeaux. Complete directions and proportions to be diluted with each package. 1-lb. can, 40 cts.; 4-lb. can \$1.25; 25-lb. drum, \$5.75; 50 lbs., \$10.00; 100 lbs., \$17.50. (Cannot mail.)

DRY POWDERED ARSENATE OF LEAD.—For destroying leaf-eating insects. Should be mixed thoroughly with a small quantity of water to a creamy consistency, then add the required amount of water according to directions on each package. 1 lb. 50 cts.; 4 lbs. \$1.50; 25-lb. drum, \$7.00. (Cannot mail.)

CALCIUM ARSENATE.—For destroying leaf eating insects. Can be diluted and applied with a dry powder gun or spray pump, does not burn the foliage and sticks well to the leaf. 1 lb. 35 cts.; 5 lbs. \$1.60; 25-lb. drum, \$6.25. (Cannot mail.)

PARIS GREEN.—Is effective for destroying potato bugs, tobacco worms and other insects. Is a very strong poison, and should be used carefully. Mix 1 lb. Paris Green to 150 gallons of water. ¼ lb. 15 cts.; ½ lb. 25 cts.; 1 lb. 40 cts.; 2-lb. 75 cts.; 5-lb. pkg. \$1.35. Cannot mail.

PHYOX is a powerful fungicide and a most effective remedy for blight and all fungus diseases; a strong poison insecticide; kills all chewing insects; increases yield of fruit and promotes a healthy and vigorous vine and leaf. Recommended for use on fruit (with exception of peaches), vegetables, berries, etc. Is easy to apply. Simply mix with cold water and spray. It sticks like paint, and stays on for weeks. To be used about 1 lb. to 6 gallons of water, according to fruit to be sprayed. Complete directions with each package. 1 lb. 50 cts.; 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lb. drum \$6.25; 50 lb. drum \$10.75; 100 lb. drum \$15.50. Cannot mail.

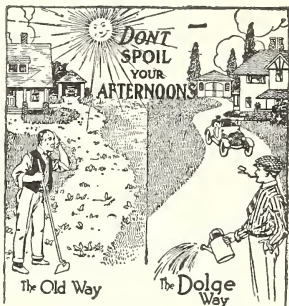
BLACK LEAF 40.—A solution of Nicotine and Sulphate containing 40 per cent nicotine. This is the insecticide so highly recommended by the experimental stations as a spray for all soft-bodied sucking insects and without injury to the foliage. It may be combined with other sprays if desired; is highly concentrated; soluble in water easy to mix, and does not clog nozzles. 1 oz. 35 cts., makes 6 gallons of spray; ¼ lb. \$1.25, makes 40 to 120 gallons of spray; 2 lbs. \$3.50, makes 160 to 500 gallons of spray; 10 lbs. \$13.50, makes 800 to 2,500 gallons of spray

SULPHUR.—Recommended to be used on Irish Potato tubers when planting, at the rate of about 1 lb. of Sulphur to 1 bushel of Potatoes, it prevents the bleeding of Potatoes and is also a preventive of scab. Per lb. 10 cts.; 10 lbs. 85 cts.; 100 lbs. \$6.50.

FISH OIL SOAP.—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Per lb., 40 cts., postpaid. Not postpaid, 35 cts.

TREE TANGLEFOOT.—A sticky preparation used for smearing on the trunks of trees as a safeguard against caterpillars, moths, ants and other creeping insects. Full directions on each package. 1-lb. pkg. 60 cts.; 5-lb. can. \$2.75; 10 lbs. \$5.25. (Postage extra if mailed.)

CARBOLA.—Is a splendid germ killing, white paint, in powdered form, combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. It kills lice, mites, fly eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. Carbola is two things in one—a paint that disinfects or a disinfectant that paints. It dries a clear snow white. It saves labor, time and money. It paints and disinfects at one operation in the same time and with the same labor required to paint or disinfect only. Pamphlet on request, 5-lb. pkg. 75 cts.; 10 lbs. \$1.25; 50 lbs. \$5.00. (Postage extra if mailed.)



LIKE MAGIC—DOLGE WEED KILLER

You sprinkle Dolge Weed Killer where the weeds grow. Presto! Your work is done. As though you have waved a magic wand over them, they will soon dry up and fall away into dust.

1 quart can—enough for	10 gals.	\$0.60 a can
1 gallon can—enough for	40 gals.	1.75 a can
5 gallon can—enough for	200 gals.	8.50 a can

LIME SULPHUR SOLUTION.—Per qt. 40 cts.; gal. \$1.00; \$3.50 per 5 gals.; 50 gal. drum \$11.50.

TANGLEFOOT FLY SPRAY

1 pint cans.	\$0.75
1 quart cans.	1.25
1 gallon cans.	2.75
½ pint hand sprayers.	.35

Tanglefoot Fly Spray has a pleasing odor and leaves no stain. It destroys flies, fleas, mosquitoes, bedbugs, wasps, spiders, moths, as well as certain other insects that infest houses, stores, etc.

FLOUR OF SULPHUR.—Per lb. 10 cts.; 10 lbs. 85 cts.; 25 lbs. \$1.75; 100 lbs. \$6.00.

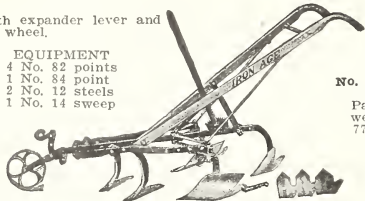
TOBACCO DUST.—Fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. Lb. 5 cts.; 10 lbs. 50 cts.; 100 lbs. \$3.00.

We Highly Recommend
the Special Seeds
Listed on Pages 5 and 6.

IRON AGE TOOLS

With expander lever and plain wheel.

EQUIPMENT
4 No. 82 points
1 No. 84 point
2 No. 12 steels
1 No. 14 sweep



No. 600-EP

Packed weight, 77 lbs.

Price, with Lever\$11.50
Less Lever 10.25

The 605 with Lever 5-Tooth Cultivator

Price, each\$7.65
With Lever 8.90

Strong and simple, and is the best tool for sections where a strong, low-priced tool is needed; also where laborers are careless and do not know how to handle machines. When set to do certain work it does that work—cannot get out of adjustment.

No. 37 Cultivator for Light Soil

The No. 37, with Clamp Expander, is built to work in light sandy soils found in the South Atlantic and Gulf States, and cannot be guaranteed in sections where the soil is heavy. It is a light weight tool, but the materials used are high grade and the tool is well put together.

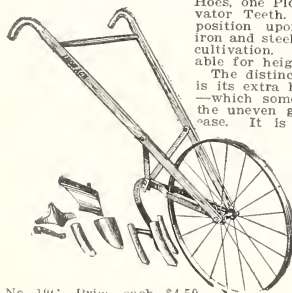
Price, with Lever\$7.10
Less Lever 5.85

No. 320 Single Wheel Hoe

Price, each\$7.00

The working tools with every No. 320 include pair of Side Hoes, one Plow and three Steel Cultivator Teeth. All are adjustable for position upon the strong malleable iron and steel frame, for close or wide cultivation. The handles are adjustable for height.

The distinctive feature of this tool is its extra high steel wheel—24-inch—which some prefer. It glides over the uneven ground with the greatest ease. It is especially suitable for breaking the ground in the Spring of gardens where the soil is not too heavy and hard. If you have never tried a wheel hoe for your garden, get one of these and see how easy it is to keep your ground under perfect cultivation. It is a low priced tool and will always be a convenient tool to have for many kinds of work.



No. 190C—Price, each, \$4.50

Single and Double Wheel Hoe No. 306 Combined Hill and Drill Seeder

The No. 306 is our most popular and complete garden tool, especially planned for the convenience of the home and market gardener. The specialist too who grows chiefly a single crop requiring few changes from seeder to wheel hoe will find No. 306 the most economical tool.



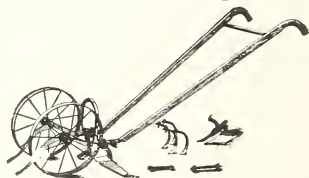
No. 306 Complete Hill and Drill Seeder, Single and Double Wheel Hoe, with all tools—packed weight, 62 pounds.

Price, each\$18.75

No. 316 Hill and Drill Seeder Only

Price, each\$12.75

No. 301 Double and Single Wheel Hoe



Price, each\$9.75

This double and single wheel hoe can be changed quickly from one form to the other—an extremely valuable feature. When the plants are young, the double wheel hoe should be used astride the row. Later, the single wheel hoe can be used in working between the rows, after the plants have grown too high to be worked properly in any other way.

You can hoe, cultivate, ridge growing crops; weed, level and pulverize your soil; open furrows for planting potatoes and other seed, mix the fertilizer with the soil, and cover the seed after planting.



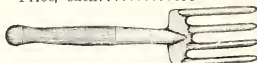
Price, each35c



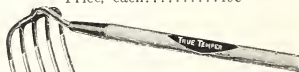
Price, each35c



Price, each40c



Price, each40c



Price, each50c, \$1.00, \$1.25, \$1.50



Price, each\$1.50, \$2.00, \$2.25



No. 217A
Transplanting Hoe Trowels
Price, each75c



Wood Handle Dibbles
Price, each75c



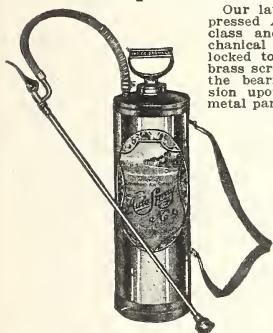
Spading Fork
Price, each50c



Forged Steel Garden Trowels
Price, each75c

SPRAYERS

Auto-Spray No. 9 Compressed Air Sprayer



Our latest construction in Compressed Air Sprayers. It is high class and warranted against mechanical defects. The pump is locked to the tank by means of a brass screw cap so constructed that the bearing is a direct compression upon the rubber washer and metal parts do not turn this washer, hence will not destroy it. We believe this to be the only Compressed Air Sprayer on the market with this valuable feature. As in the No. 1, the metal in the tank is locked seamed soldered both inside and out and closely riveted. Made with 3½ gallon Brass or Galvanized tank as ordered. **WE STRONGLY RECOMMEND THE BRASS TANK BECAUSE IT WILL NOT CORRODE WITH STRONG SOLUTIONS AND WILL LAST INDEFINITELY.**

Equipped complete with 2 ft. extension and 45 degree elbow nozzle which permits the user to spray the underside of plants and shrubs, and also to reach up into vines and low trees much more conveniently. This extension is included at no extra price. USES—For spraying field crops, shrubs, vines, poultry houses, for removing wall paper, disinfecting, whitewashing, creosoting shingles, applying floor oils and for general purposes.

SPECIFICATIONS—Diameter 7 inches, height 2 feet, capacity 3½ gallons, equipped complete for spraying with 2 feet ½-inch 5-ply hose, solid stream nozzle, fine spray nozzle and Auto-Pop. Weight empty, 9 pounds; weight loaded, 36 pounds; weight packed for shipment, 10 pounds.

Auto-Spray No. 9B, Brass Tank.....\$9.00
Auto-Spray No. 9D, Galvanized Tank.....6.50

Duster Brown No. 2 Single Acting Hand Duster

A very practical duster of new design. It is of simple construction, and works on a new principle recently discovered. Made in two sizes, pint and quart. It is of sufficient length to enable the operator to spray ordinary field crops without bending over.

Duster Brown No. 2B. Pint. Each.....\$.90
Duster Brown No. 2C. Quart. Each.....1.15

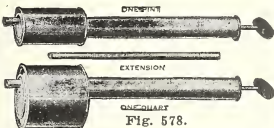
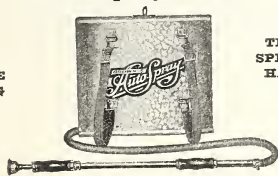


Fig. 578.

Auto-Spray No. 5

IT IS
DOUBLE
ACTING



THE SAME
SPRAY WITH
HALF THE
LABOR

Pump only.....\$5.50

Brass Tank.....\$5.50 Galvanized Tank.....\$3.00

A high pressure yet light and durable sprayer made entirely of brass. It is DOUBLE ACTING producing a continuous spray and will generate a pressure of 150 pounds per square inch.

May be obtained with or without brass or galvanized tank. The pump can be used with any receptacle the user may possess for spraying trees or whitewashing when purchased as shown in Fig. 468. Where field work is to be done and the sprayer has to be moved about constantly we advise purchasing with this pump the Knapsack Tank is shown.

Auto-Spray No. 22-A Hand Atomizer

Price, each.....50 cts.
A strong atomizer made of heavy 107 pound tin. It is of one quart capacity and throws a fine misty spray.
USES—For all light spraying, such as spraying disinfectants, insect poisons and fly oils.

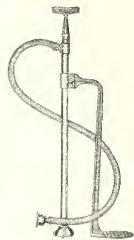
Auto-Spray No. 6 Double Acting Bucket Pump

Price, each.....\$5.00

A powerful bucket pump which easily generates a pressure of 200 pounds per square inch. It is double acting producing a continuous spray. Made of brass, equipped with a brass suction strainer as well as a strainer in the nozzle. The pump is equipped with a foot rest 16 inches high, enabling the operator to use almost any bucket or container. This is an advantage, as it does not necessitate the use of a special bucket. It is constructed so that it may be taken apart and reassembled without the use of tools of any kind.

The Auto-Spray No. 6 is regularly equipped with four nozzles of special design for variety spraying. Same as furnished with the Auto-Spray No. 5 shown in Fig. 571.

USES—For spraying trees, shrubs, whitewashing or painting with cold water paint, removing wall paper, washing windows and automobiles and all purposes where a bucket can be handled.



Auto-Spray No. 26

It Sprays Continuously



Price, tin.....\$1.00
Brass.....1.40

The Myers Portable Sprayer

PATENTED JAN. 16, 1912.

With Cog Gear Spray Pump and Dasher Agitator. Made of Extra Heavy Galvanized Iron; Capacity 12½ Gallons; Suitable for Greenhouse Work, Spraying Trees, Whitewashing, Painting, Etc. A General Utility Pump for the Home. Use Myers Spray Pumps for Spraying Cattle and Hogs to remove Ticks or Lice. Much Cheaper Than Building a Vat and Just as Effective.

Figs. 1614 and 1650 illustrate the Myers Portable Sprayer as made for general use as a handy outfit about the home, greenhouse or orchard.

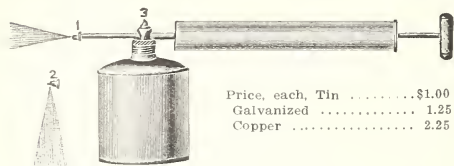
The pump is similar to our No. R315B fitted with cog gear handle and dasher agitator. It is securely attached to the tank by means of a clamp connected direct to the channel iron that surrounds the top of the tank held in position by one thumb screw. The handle can be located at any point desired.

Fig. 1614. Recommended for outside work.
Fig. 1650. Specially designed for inside work as the short handles permit turning in narrow alleys.

Fig. 2276. Recommended for small greenhouses, chicken houses and similar work.

Price List, Represented by Figs. 1614, 1650 and 2276.
No. R315B, Myers Portable Sprayer. Fig. 1650, complete as shown in illustration, with Dasher Agitator, 15 feet ½ inch 5-ply discharge hose, 8 foot extension and Vermorel Nozzle. Wheels 15½ x 1¼ inch. Price (Table) \$26.00

Robertson Compressed Air Sprayers



Price, each, Tin\$1.00
Galvanized 1.25
Copper 2.25

1—Straight nozzle. 2—Universal nozzle detached. 3—Shows universal nozzle as attached to holder for safe keeping when not in use. To use the universal nozzle it is substituted for the straight nozzle No. 1 on the end of the tube.

NOT LIKE ORDINARY SPRAYERS—ASK TO BE SHOWN THE DIFFERENCE.

Coldwell's Jewel Bronze Bearing

Blades—Four, crucible steel. Equipped with adjustable bronze bushings instead of ball bearings. A very light weight, easy running mower. Excellent value at the price asked.

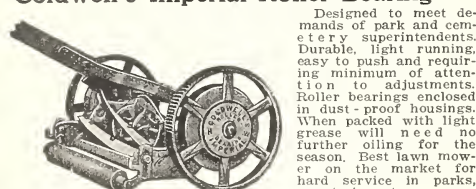
Width of Cut—12, 14 and 16 inches. Shipping weight—36, 38 and 40 pounds.

12-Inch Cut.....\$ 9.50
14-Inch Cut..... 10.50
16-Inch Cut..... 11.50

Coldwell's Improved Horse Mower

Blades—Four or six, crucible steel.
30-inch, 35-inch and 40-inch Cut. Please write for prices.

Coldwell's Imperial Roller Bearing



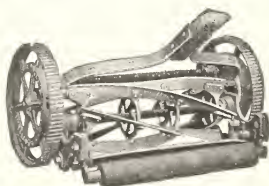
Blades—Five, crucible steel. Width of Cut—16, 18 and 20 ins. Shipping weight—62, 64 and 66 lbs.

Price, 16-Inch Cut.....\$18.00
18-Inch Cut..... 20.00
20-Inch Cut..... 22.00

Coldwell's Ambassador Ball Bearing

High-grade, light weight machine at a medium price. Positively the best five-blade, 10-inch wheel, ball bearing lawn mower ever built for the price asked. Coldwell quality throughout.

Blades—Five, crucible steel. Width of Cut—16 and 18 inches. Shipping weight—50, 54 and 56 lbs.
Price, 16-Inch Cut.....\$15.50
18-Inch Cut..... 16.50



Coldwell's Colonial Ball Bearing

The Colonial is a first-class low wheel, ball bearing machine at a reasonable price. Light weight and very desirable for terraces and small lawns. Built low for close cutting.

Blades—Four, crucible steel. Width of Cut—12, 14, and 16 ins. Shipping weight—36, 38 and 40 lbs.

Price, 12-Inch Cut.....\$10.50
14-Inch Cut..... 11.50
16-Inch Cut..... 12.50

PUSH NO MORE

JUST FOLLOW AND GUIDE

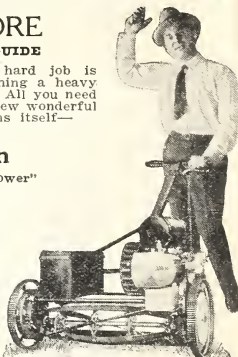
Now the home-owner's last hard job is abolished forever—no more pushing a heavy hand lawn mower on a hot day. All you need do is to follow and guide this new wonderful little motorized mower that runs itself—

Bob-a-Lawn

"The Pushless Lawn Mower"

Easy pull on starting cord and engine starts. Slight pull on control handle and mower starts. Does everything a hand mower will do, and more. Boy or girl can operate it. Cuts on hill or terrace; heavy or light grass. Very low cost. Send for free folder.

Manufactured and guaranteed by Cushman Motor Factory: Lincoln, Nebraska. Eastern branch: Norfolk, Va. Price\$145.00



Wiard Contractors' Plow

Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons. Will turn a furrow 5 to 9 inches deep and 12 to 15 inches wide. An excellent plow for general grading purposes.

No. 1 Contractors' Two or Four Horse; weight, with wheel, 205 lbs. Price, \$33.00.

No. 65—Iron Beam Contractors' Plow, R. H. Cast Points, with Clevis and Shoe. Price, \$33.00. Cast Points, \$1.15.

No. 65—Iron Beam Contractors' Plow, R. H. Steel Points, with Clevis and Shoe. Price, \$38.50. Steel Points, \$6.50.



The Perfecto Flower Box

Self-Irrigating Air-Circulating Drainage.

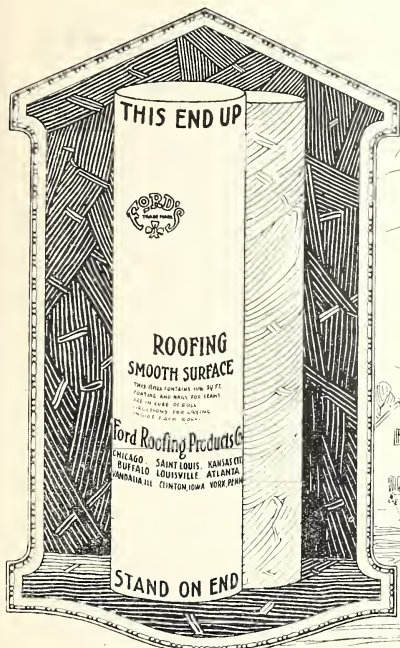
Finish—Old Ivory or Blue-Green.



PRICES

26 inches long, 6 in. deep, 7 in. wide.....\$2.50
32 inches long, 6 in. deep, 7 in. wide..... 2.75
38 inches long, 6 in. deep, 7 in. wide..... 3.25
44 inches long, 6 in. deep, 7 in. wide..... 3.75

RESULTS.—The PERFECTO irrigating system will give maximum beauty and rapid growth to boxed plants of any kind, as such success depends upon the correct application of water. Plants cannot develop properly when water is poured on top of the earth, the water having a tendency to bake the surface and form a crust when applied on top. It is not necessary to constantly stir the earth when plants are watered beneath and water evenly distributed, as in the PERFECTO, but only stir the earth to let the sunlight penetrate, which is essential to success in raising box plants.



The "Empire Leader"

Awarded Gold Medal at San Francisco, 1915

TWO-PLUNGER PUMP AND TWO AND ONE-HALF HORSE-POWER ENGINE WITH JUMP SPARK IGNITION

The Cylinder and Engine Head of Engine are Fully Water Jacketed

The ENGINE is our 2½ H. P. Leader. CYLINDER bore 4 inches; stroke 4½ inches; normal speed, 500 revolutions per minute.

PUMP is of the Duplex Displacement type, having two plungers 2¼ inches in diameter, outside packed. Capacity 4½ gallons per minute at 55 revolutions. Supplies 4 Tiger nozzles, one Master Spray Gun, or 2 Hisprays. Has absolute pressure control automatic by means of pressure regulator with throttle valve.

TANK is cypress, 100 gallons capacity, with housing and curtains as shown.

The AGITATOR is automatic driven by the pump crank shaft and BRUSHES clean the suction strainer automatically.

The PUMP and ENGINE are mounted on a hardwood frame with cross pieces and bolsters as shown.

The extreme length is feet; extreme width 38 inches. Can be mounted on trucks or loaded in a wagon box.

SINGLE hose and nozzle equipment consisting of one 15-ft. lead of our best ½-inch moulded hose, one 10-ft. seamless brass lined bamboo extension pipe with leakless stop cock and 1 Double Tiger strainer nozzle with necessary couplings.

Price, with Wagon.....\$352.50

Less Wagon.....292.50

F. O. B. Factory.

The "Junior Leader"

Same equipment as Empire Leader with 4-Horse-Power Engine and 150-gallon tank.

Price, with Wagon.....\$397.50

Less Wagon.....337.50

F. O. B. Factory.

The Myers O. K. Cog Gear Spray Pump

PATENTED JAN. 16, 1912.

WITH MALLEABLE IRON BASE AND HANDLE.

For Hot, Cold or Any Kind of Mixture. Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat. 2½ Inch Cylinder.

The cog gear increases the leverage 33 1/3 per cent over the ordinary plain handle. The special features are the cog gear, and the malleable iron base which is adjustable and is made for end or side of barrel. Base for end of barrel is furnished regularly. If pump is wanted for side of barrel, must be stated on order. The plunger is a solid brass tube with closed end, is outside packed with hemp packing. The packing gland is adjusted by two bolts. The valve and seat are hard brass. The air chamber is 2½ inch. This in connection with the cog gear enables the operator to carry a pressure of 200 or more pounds, if necessary.

Price List, Represented by Figs. 1540, 1541 and 1542.

No. R308. Myers O. K. Spray Pump, as shown in Fig. 1540.

Price, each (Power).....\$21.50

No. R308B. Outfit same as above, with one lead of 15 ft. of 7-ply, ½ in. discharge hose and one Fembro (Fig. 1290) nozzle. Price, each (Fox).....28.00

No. R308C. Same outfit with two leads of 15 ft. 7-ply, ½ in. hose and two Fembro (Fig. 1290) nozzles. Price, each (Prad).....35.00

7-ply superior hose, our brand. Price, per ft. (Frax).....30

Barrel not included in above prices.

Price List, Represented by Fig. 1521.

No. R318. Myers Cog Gear Barrel Spray Pump only, with mechanical agitator, but without hose or nozzle. Price (Poult).....\$12.00

No. R318B. Myers Cog Gear Barrel Spray Pump complete, Fig. 1521, with one lead of 15 feet of ½ inch 5-ply discharge hose, graduating Vermorel nozzle, and mechanical agitator. Price (Pounce).....16.00

5-Ply Hose. Price, per foot (Feet).....20

Bordeaux instead of Vermorel nozzle furnished without extra charge when specified.

Always Use Pipe Extension—You Get Better Results.

Ford's Ever-Tite Roofing

Ever-Tite is furnished to you complete. In the core of each roll are packed sufficient nails and cement for laying the entire roll. Full directions are also included.

Light—108 square feet. Price, per Roll.....\$1.30

Medium—108 square feet. Price, per Roll.....1.85

Heavy—108 square feet. Price, per Roll.....2.35

Ford's Slate-Surfaced Roofing

BEAUTY

The fresh artistic colors of Ford's Slatekote Roofing are permanent. The natural crushed slate with which this roofing is surfaced is mined in three colors, rich red, cool green and smart blue-black. These colors or a combination of these colors will harmonize with any surroundings and improve the appearance of any roof.

Green—108 square feet. Price, per Roll.....\$3.00

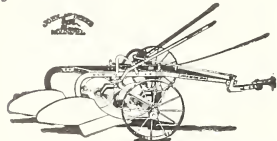
Red—108 square feet. Price, per Roll.....3.60



ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

John Deere Quality Farm Implements

John Deere No. 40 Tractor Plow

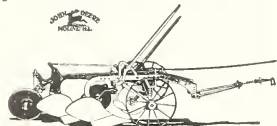


Built expressly for the Fordson Tractor, and perfectly adapted to it. Possesses features not found in any other plow—features absolutely essential to ease and convenience of operation. Operated entirely from tractor seat.

Quick Detachable Share.
Rolling Landside.
Automatic Hitch.
15 Inch Combination Rolling Coulter and Jointer.

Price
12 Inch\$95.00
14 Inch\$7.50

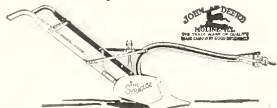
John Deere No. 45 Tractor Plow



Points of Merit

Beams guaranteed not to bend or break.
Hot-ripped frame connections.
Widely adjustable hitch.
Pulls light—more work with less fuel.
Unusual light weight plus great strength.
12-Inch\$100.00
14-Inch\$105.00

John Deere Syracuse Chilled Plows



Syracuse Chilled Plows are the result of nearly fifty years' study and experience in plow manufacture.

"Quality" always has been the motto of the Syracuse Chilled Plow Company.

Prices
No. 1467—Cut 5 to 7 inches.....\$10.25
No. 1465—Cut 7 to 9 inches.....15.50
No. 1464—Cut 8 to 10 inches.....17.50
No. 1463—Cut 10 to 12 inches.....20.00
No. 1459—Cut 5 to 7 inches.....15.50
Add for Wheel.....2.00
Add for Jointer.....4.50

John Deere "B" Walking Plow

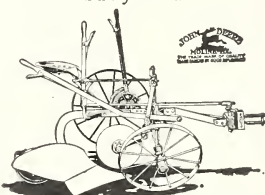


The John Deere "B" does good work in old ground, stubble or tame sod. Share equipment adapts it to a variety of soils. You will find in this plow the distinctive qualities that have made John Deere plows leaders for nearly a century.

Moldboard of genuine hardened soft-center steel is shaped to handle mixed land to best advantage and is double-shinned to resist wear.

No. B110\$25.00
Add for Wheel2.00
Jointer4.50

John Deere Syracuse No. 210 Sulky Plow

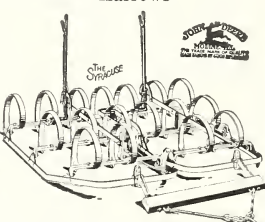


It is a three-wheel, poleless plow, self-guiding, with tendency toward side draft practically eliminated.

The weight of plow and frame is actually all wheel-carried—on three oiled axles. That it will do good work, we guarantee—and a Syracuse guarantee needs no qualifying statements.

Put your boy on it.
Price, 12-inch\$60.00

Syracuse Spring Tooth Float Harrows

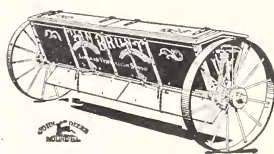


The spring teeth penetrate to a greater depth than other style harrow teeth, dig up the lower stratum of soil and bring it to the surface, where it is mixed with the top soil.

Price Spring Tooth Harrows

15 Teeth\$25.00
17 Teeth27.00
23 Teeth35.00
25 Teeth, 3 Sections.....40.00

John Deere-Van Brunt Lime and Fertilizer Sower



Price\$75.00

A lime and fertilizer sower will soon pay for itself in increased crop yields resulting from proper replenishing of soil nourishment. The Van Brunt Sower covers a strip 8 feet wide and has a carrying capacity of 10 bushels. Improved rotary wing feed insures even distribution of dry, crushed lime rock, slacked lime, all brands of standard commercial fertilizer, nitrate of soda, etc., in any desired amount from 150 to 8,000 pounds per acre. Double feed shaft—one-half the machine can be disengaged from feeding mechanism by releasing pawls.

John Deere KH Cultivator

6 Shovel\$60.00
8 Shovel65.00
Farmers find in the John Deere KH all the features they have wanted.

Because of its quick adjustability of wheel track and rigs, the KH is the ideal cultivator for the man who has a variety of row crops.

It is adapted for work in potatoes, cabbage, beans, corn, cotton, peanuts, tobacco—in fact, almost every row crop grown by the general or truck farmer.

Wheel Track Easily Adjustable

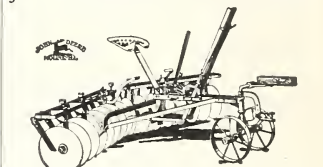
The KH cultivates rows as narrow as 28 inches and as wide as 48 inches.

John Deere Universal Steel Lever Harrow

This harrow has proved very popular wherever used, especially in stony or rooty ground. It is an ideal spike-tooth harrow for orchard and vineyard work.

Price
50-Tooth, 2-Section\$20.00
60-Tooth, 2-Section22.00
75-Tooth, 3-Section32.50
90-Tooth, 3-Section35.00

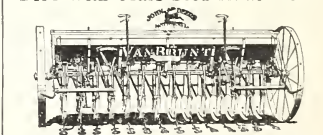
John Deere Model "B" Disc Harrow



For nearly thirty-five years thousands of farmers have considered the John Deere Model "B" the best disc harrow. One reason for this is the extreme flexibility of the harrow—its ability to penetrate, pulverize and pack the soil to its entire width wherever a disc harrow can be operated to advantage.

8-16 In. Disc, 4 ft.\$46.50
10-16 In. Disc, 5 ft.49.50
12-16 In. Disc, 6 ft.55.50
Above prices do not include tongue truck, price of which is \$7.75 extra.

John Deere-Van Brunt Disc Fertilizer Drill with Grass Seed Attachment



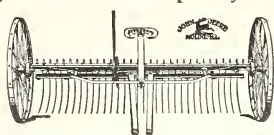
8x8 Single Disc\$148.00
9x7 Single Disc156.00
11x7 Single Disc179.00
16x7 with Tractor Hitch.....245.00

Distributes any standard fertilizer and plants grain at the same time—also grass seed, when attachment is used; or it will handle any one of the three alone. All feeds can be thrown out of gear and discs used for stirring soil without seeding or fertilizing. Each wheel drives half the feeds, insuring positive and steady operation. One-half of grain feeds can be used for finishing a field or seeding narrow places. Van Brunt Adjustable Gate Force-Feed is one of the best sowing devices made. Drill handles fertilizer in quantities from 65 to 1,250 pounds per acre. Plants wheat, oats, barley, flax, rye, rice, alfalfa, peas, beans, corn, etc.

John Deere Model L Tractor Disc Harrow—With Yielding Lock

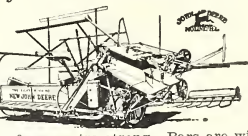
Front and rear sections are angled by independent cranks convenient to tractor operator, without backing or stopping harrow. Automatic yielding lock coupling, an exclusive feature, compels rear discs to cut ridges left by front gangs. Gangs work independently—soil is worked full width; no binding or twisting of frame. Pivoted yoke and pressure spring controlled by crank allows light or heavy pressure on discs. Aligning device provides means of locking rear discs in position for best work. Adjustable, extra wide scrapers keep discs clean.

6 ft. 24-16 inch Disc.....\$114.00
7 ft. 28-16 inch Disc.....120.00

John Deere Self-Dump Sulky Rake

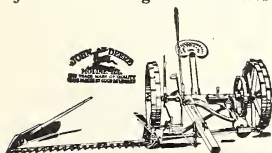
The rake that gives extra years of service. Wheels interchangeable, and dump rods reversible, giving extra wear without repair expense. Arched steel axles give wheels proper pitch and gather—wheels cannot tip in at top and out at bottom. Steel truss rod reinforces rake head—prevents sagging. Tooth holders accommodate large or small number of teeth. Adjustments provided to keep rake in perfect working order. Tripping device is positive and simple. Set of teeth quickly changed with adjustable lever bar. This rake is easy to operate and does a real job of raking.

8-Foot.....\$41.50
9-Foot.....45.00
10-Foot.....46.50

John Deere Grain Binder

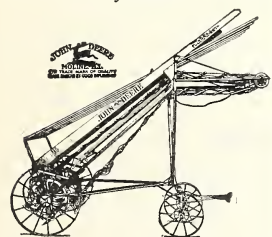
Main frame extra strong. Bars are widely overlapped and hot-riveted together into forged-in-frame bearing supports, are fitted self-aligning bearings which cannot get out of line. Strong, wide-tired steel main and grain wheels. Platform, rigidly braced, prevents binding of canvas and knife. Knotter parts subject to wear are made of best steel and case-hardened. All-steel quick-turn tongue truck relieves horses of side draft and neck weight. Because axle of truck is flexibly mounted wheels hold to uneven ground and keep binder running straight.

6 ft.....\$220.00
7 ft.....225.00
Add \$14.00 if tongue truck is wanted.
8 ft.....\$250.00
Includes tongue truck.

John Deere High Lift Mower

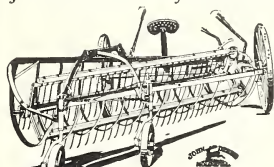
An extremely simple mower with a high, easy lift. Bar raised with foot lift amply high to pass over ordinary obstruction. With hand lift bar raised extremely high. A boy can operate it. Special arrangement of simple driving gears prevents side strain and undue wear on bearings—maximum power delivered to carefully-made and accurately-fitted knife. Location of pinion on crank shaft prevents end thrust. Bar attached to wide yoke with large steel pins. Twenty-one point clutch insures instant starting. Cutter bar floats and has great flexibility. All adjustments and repairs quickly and easily made with ordinary tools.

8 ft. Two-Horse.....\$82.00
3½ ft. One-Horse.....77.00

John Deere Single-Cylinder Windrow Hay Loader

Very light draft and minimum number of working parts. Single drum mounted directly on the axle. Hinged carrier makes loading easy in windy weather. Furnished regularly with forecarriage—no lifting is necessary when coupling to wagon. Extra strong, well-braced frame with hot-riveted corner plates. Gets all the hay when properly raked into windrows. Handles alfalfa, clover and beans without knocking off valuable foliage parts. Capacity ample for all side-rake windrows.

Price.....\$120.00

John Deere-Dain System Rake**For Air-Curing Hay**

This rake aids the hay-grower in producing hay that brings the highest market price. Air-cures hay without loss of color, foliage or feeding value when used according to the John Deere-Dain System of Air-Curing Hay. Rake follows mower while leaves are still active and lays the hay in loose, fluffy windrows, leaves inside, butts out. The foliage thus protected cures properly, does not get brittle and break off. Inclined frame gives greater capacity as volume of hay increases. Curved teeth lift hay gently—no dragging or threshing. All adjustments are made from the seat.

Price.....\$115.00

John Deere-Syracuse No. 99 Contractors' Plow

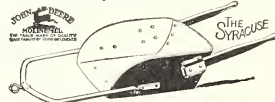
In shale, in hard-pan, in all difficult conditions so frequently encountered by the grading contractor, the No. 99 never fails to give a good account of itself. This plow is built strong; has steel truss beam, steel moldboard and landside. Has separate shin piece which can be replaced at small expense. The share, of heavy overlaid wrought steel, has unusual wearing qualities. Adjustable shoe allows change in depth and steades plow. Loop handle wear irons protect handles when plow is thrown on its side. Four-to-six horse.

Price.....\$70.00

John Deere-Syracuse No. 98 Pavement Plow

Something has to yield when the No. 98 gets on the job. It will usually go wherever the horses take it, tearing up cobblestones and macadam as easily as a field plow penetrates mellow soil. It has adjustable and double-reversible crucible steel point, adjustable shoe, steel handles with loop handle wear irons. Built to work behind four or six horses. This plow is strongly built throughout, and is a great favorite with contractors.

Price.....\$40.00

John Deere-Syracuse Drag Scrapers

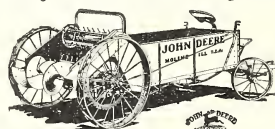
Made of heavy steel plates, the bowls being cut from a single sheet, pressed cold, lapped and riveted at the corners where extra strength is needed. Heavy shoes, or runners, stiffen and strengthen the bottom. Special steel used in the bowl, which is hung so that scraper handles easily. Handles of straight-grained hardwood set in sockets of extra length. The "Syracuse" is a heavy scraper. The "Syracuse Special," identical in shape and similar in construction, is of lighter weight.

No. 1—Capacity 7 cubic feet.....\$10.00
No. 2—Capacity 8 cubic feet.....9.25
No. 3—Capacity 9 cubic feet.....8.00
No. 0—Capacity 9 cubic feet.....18.00

John Deere-Syracuse No. 1 Contractors Plow

The busy contractor will find that the No. 1 plow meets every requirement on general grading jobs where fast, thorough work is desired. The No. 1 turns furrows 5 to 9 inches deep and 12 to 15 inches wide. Built to stand the strain—extra heavy beam, share and landside, steel wheel frame, loop handle wear irons. Steel handles can be furnished as desired; also steel shares on repair orders. Regular with gauge wheel and one extra share. Weight with wheel—265 pounds.

Price.....\$32.00

New John Deere Manure Spreader

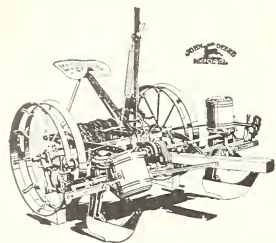
Price with 2-Horse Hitch.....\$170.00
Price with 3-Horse Hitch.....172.50

The beater on the axle and the box-roll turn, both exclusive features on the New John Deere, have made it possible to give you these distinct spreader advantages:—a low, easy loading box that saves much work in loading.

Better work because the large beaters are not in the wind—winds will not cause the manure to drift.

Longer life resulting from simplicity of design, fewer parts plus extra strength where needed.

John Deere No. 999 Corn Planter



Widely recognized as the most accurate planter on the market. The John Deere Natural Cell-Fill, Edge-Delivery seed plates, sloping hopper bottom, improved metal cut-off and roller knocker insure positive feed and unfailing accuracy. Plants accurately whether the hopper is full or nearly empty. Seed plates for handling every kind of corn; also beans, sorghum, milo maize and many other seeds. Variable drop plants two, three or four kernels in each hill as desired. The number of kernels per hill can be varied merely by shifting foot lever, without stopping the machine. Also varies the distance in drilling. Easy to change from hilling to drilling. Underhung reel; a touch of the toe releases check wire. Fertilizer can be checked with each hill or drilled along the row.

With Fertilizer Attachment.....\$105.00
Less Fertilizer Attachment..... 80.00

E-B Spike Tooth Harrow

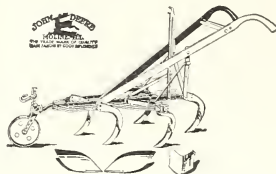
A NECESSITY

From the standpoint of time operated and money invested, the Spike Tooth Harrow is the most economical implement used in the seed-bed preparation.

Prices of John Deere Spike Tooth Harrows

50-Tooth, 2-Section	\$20.00
60-Tooth, 2-Section	22.00
75-Tooth, 2-Section	35.00
90-Tooth, 3-Section	38.00
120-Tooth, 4-Section	55.00
25-Tooth, 1-Section	10.50
30-Tooth, 1-Section	12.00

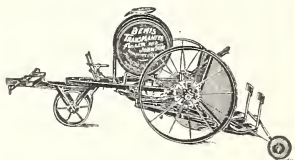
John Deere One-Horse Cultivators



Popular for years among market gardeners. So handy in operation that they make hoeing unnecessary. Expending lever for narrowing or widening cut adapts them for great variety of row crops. All parts substantially made. Shanks, drop-forged from steel plates, have great strength without excessive weight and are adjustable to difference angles. Long steel handles are adjustable for height, and have comfortable wood handgrips. John Deere shovels do good work, have perfect polish, scour well, have proper set and suction, are well sharpened and give extra long service.

With Lever\$8.50
Less Lever 7.75

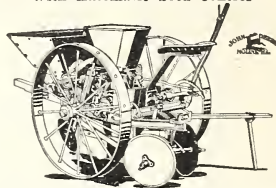
Bemis Transplanter



Will set tobacco, cabbage, tomatoes, sweet potatoes, strawberries, nursery slips, etc., better than can be done by hand. The plants start growing sooner, mature more evenly, and a larger yield results. The Bemis has been the leader for 35 years and embodies several distinctive features such as—

The floating shoe,
Uniform pressure on uneven ground, and
Perfect spacing device.

Price\$100.00

Hoover One-Man Potato Planter
With Automatic Seed Control

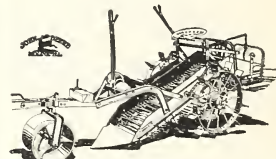
The "visible" planter with automatic seed control. Accuracy assured because the proper amount of seed is always in the picking chamber. Another big feature is the method of dropping the fertilizer. Every particle thoroughly mixed with the soil, absolutely preventing any fertilizer coming in contact with the seed.

The Hoover is light draft and easy to handle. Is practically all steel and very strong and durable.

Furrow openers and disc covers are handled by one lever and are so placed as to secure uniform depth of planting and covering of seed. Opener makes a narrow grooved furrow for seed.

Price\$130.00

Hoover Potato Digger



Well known for its ability to get all the potatoes under the most difficult conditions. The Hoover is light draft and well balanced. It penetrates easily and leaves the potatoes in good condition due to the peculiar design of the elevator which removes the dirt much more readily and elevates the potatoes without rolling and bruising them.

The main sides are of Bessemer steel rolled with a rib. This is exclusive with the Hoover and practically eliminates side breakage.

Price\$112.00

Platform Style Doubletree Set

This pattern of Doubletree is used extensively on Oil Wagons, Sprinklers, Coal Wagons and all City Wagons of the Platform style.

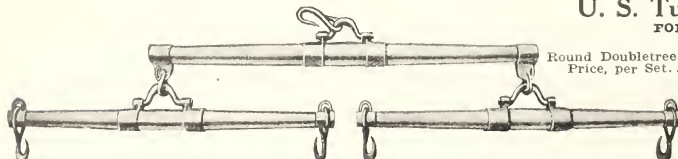
Price, per Set.....\$6.25

U. S. Tubular Steel Whiffletrees
FOR GENERAL FARM WORK

Two-Horse Flow Sets

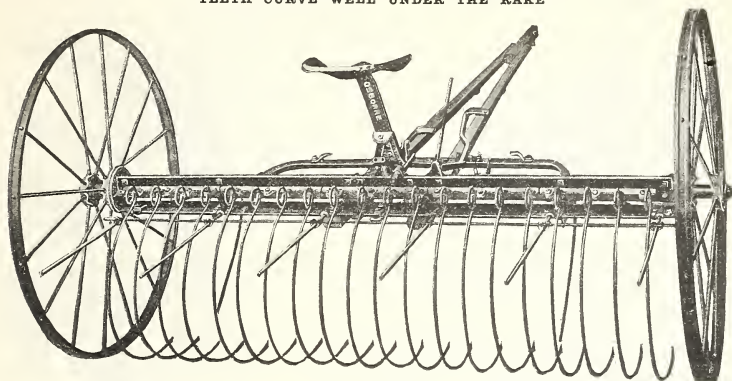
Round Doubletree and Singletrees. For Heavy Ploughing.

Price, per Set.....\$4.00



E-B Osborne Self Dump Rake

TEETH CURVE WELL UNDER THE RAKE



PRICES

8 Foot	\$41.50
9 Foot	45.00
10 Foot	46.50

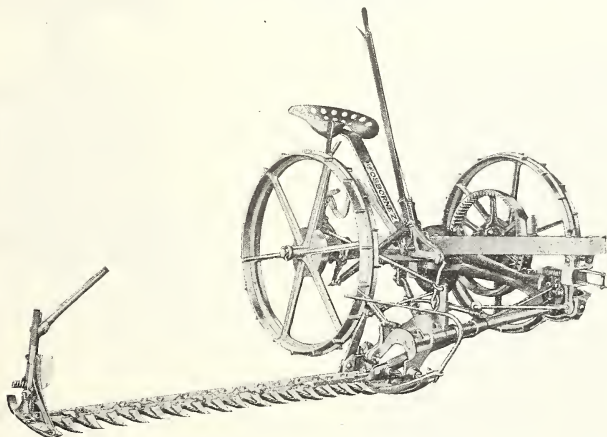
You will notice from illustration that the E-B Osborne rake teeth have a long curve, which brings them forward under the rake head. The teeth slide under the hay and lift it, rather than

scratch the ground, filling the hay with dust. There is also less tendency to roll the hay. The two floating check teeth help to prevent rolling. E-B Osborne self-dump rakes have strong steel wheels, angle steel frame, rake head trussed on the 9, 10, and 12-foot sizes, and tested, oil tempered teeth.

E-B Osborne self-dump rake, 8, 9 and 10-foot sizes. The staggered spoke steel wheels on this rake will last as long as any other part.

E-B Osborne Mower

CUTS A CLEAN SWATH



If you are cutting short clover and want a short stubble, or cutting tall marsh grass where the surface is rough, you can get the correct tilt to the cutter bar. The quadrant for the tilt lever has eight notches. You can cut the cleanest possible stubble under all conditions.

The ledged plate reaches well back on the guard. Each knife section can cut its full length in heavy grass.

Strong Drag Bar—Extra Bearing for Hinge Coupling

The heavy drag bar is stiffened by a tie rod reaching across from the push bar. This is unusually strong construction. It is needed in stony or stumpy meadows. Notice that near the front end of the push bar is a lug pressing against the hinge coupling. This gives a wider bearing for the hinge coupling

and holds the cutter bar more firmly in line with the pitman. When the cutter bar itself begins to sag from long use, the eccentric bushing will bring it back into line. This bushing is in the rear of the inner shoe hinge, and re-aligns the cutter bar just where it gets out of line with the pitman.

The efficiency of E-B Osborne hay machines saves hay, saves time, and saves money.

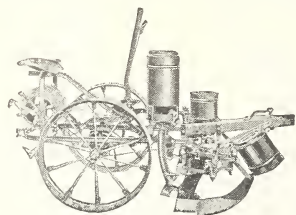
One horse vertical lift—3½-foot cut. Price, \$80.00.

Internal gear drive.

VERTICAL LIFT TWO-HORSE

5-Foot Cut	\$85.00
6-Foot Cut	90.00

Superior No. 24 Corn Planter



Simple and plain construction.
No clutch on feed shaft to get out of order.
Patent Vibrating Ribbon Steel Fertilizer Conductor Tubes.
Clean inside. Patent Non-Clog Fertilizer Valves.
Adjustable for planting rows from 28 to 48 inches apart.
Fertilizer may either be deposited in hills or drilled in the row, when checking the corn.
Double Adjustable Marker.

RUNNER

With Fertilizer Attachment.....\$103.00
Less Fertilizer Attachment.....78.00

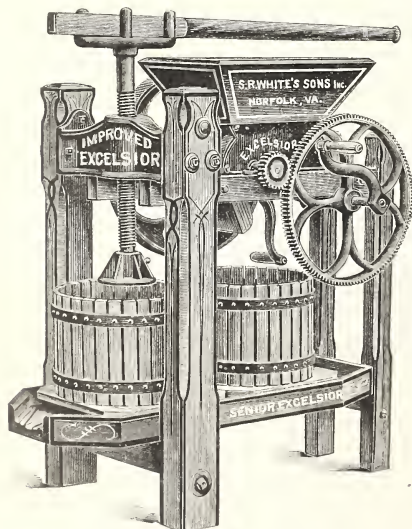
DISCS

With Fertilizer Attachment.....\$106.00
Less Fertilizer Attachment.....85.00

WHITE'S EXCELSIOR IRON ROLLER

Apple and Grape Mills

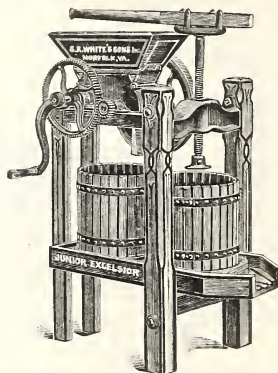
We call special attention to our series of Excelsior mills. They are constructed with a ribbed cylinder and a crusher which falls back and forth and crushes and grinds the fruit at the same time. The screw which passes through a cast iron cross head is lathe cut from cold rolled steel. The framing is of hard wood neatly striped and finished. Staves of tubs are of hard wood



riveted to bands. The Junior and Medium sizes have one crank, while the Senior has two cranks. All unpleasantness from iron mills can be prevented by thoroughly rinsing or washing with water after using, thus diluting acid.

JUNIOR—Capacity 2 to 4 bbls. per day; weight, 175 lbs.; inside diameter of tubs, 11x11 ins. Price, \$24.00.

MEDIUM—Capacity 4 to 6 bbls. per day; weight, 237 lbs.; inside diameter of tubs, 11x12 ins. Price, \$32.00.



SENIOR—Capacity 6 to 8 bbls. per day; weight, 405 lbs.; inside diameter of tubs, 11x15½ ins. Price, \$42.00.

Swift Service Fruit Press



Adapted for pressing fruits, meats, vegetables, etc. It is simple in construction, having few parts, making it durable, easy to keep clean and reasonable in price.

No. 1526—6 Quarts.....\$6.00
No. 1528—8 Quarts.....7.00
No. 1530—10 Quarts.....8.00

Rex Fruit Presses

No. 1.....7.00
No. 2.....8.25
No. 3.....12.00
No. 4.....14.00

Rex Fruit Grinders

No. 2.....\$ 7.50
No. 3.....13.50
No. 4.....6.75

Single Tub Cider Mills

Price.....\$17.50

The Myers "O. K. Stayon" Flexible Covered Door Hanger

WITH HARD STEEL ROLLER BEARINGS

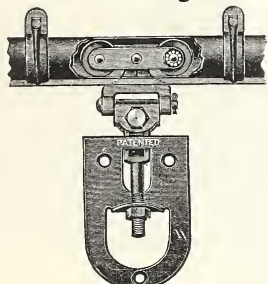
The Original Flexible Hanger Has Never Been Equalled.

Price, Pair.....\$1.40



The track is heavy special high carbon stiff steel, 3/16 by 1 1/4 inches, supported by rigid brackets, with a square shoulder mortised through the track. Price, per Foot, 11 cts.

The Myers New-Way Giant Door Hanger



ADJUSTABLE TANDEM WITH FLEXIBLE ENGINE TRUCK

Lateral Adjustment To and From the Building.
Vertical Adjustment to Raise and Lower the Door.

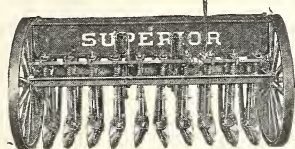
Price, Pair.....\$2.50

The Myers New-Way Giant Tubular Girder Track

Brackets, each.....\$.20

Self-cleaning. Bird, dust and vermin proof. With or without cover. Each piece of track provided with a hole through which the bearings can be oiled. Price, per Foot, 26 cts.

Superior Combined Grain and Fertilizer Disc Drills



Are the most perfect seeding machines known to the farming industry.

8x8 Complete with Grass Seeder.....	\$148.00
10x8 Complete with Grass Seeder.....	162.50
9x7 Complete with Grass Seeder.....	156.50
11x7 Complete with Grass Seeder.....	170.00
15x7 Complete with Grass Seeder.....	242.00



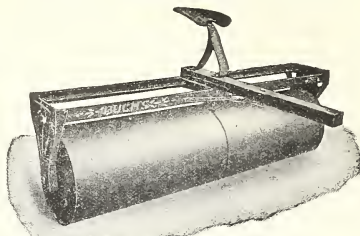
Superior Lime Sower

8-Foot Agitator Feed.....\$85.00

The Superior Broadcast Sower will distribute evenly and uniformly all forms of agricultural lime in quantities ranging from 300 to 6,000 pounds per acre. All brands of commercial fertilizer can be successfully handled but it is not recommended for sowing quantities less than 300 pounds per acre.

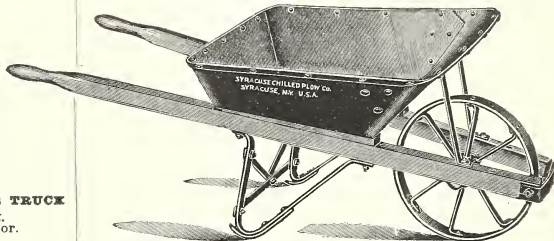
This machine is strong and durable and is very simple to operate.

Buch's Steel Land Rollers



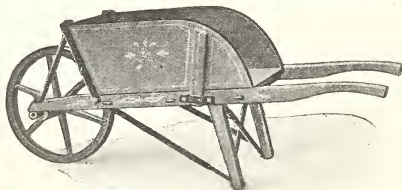
8-Foot, 2 Sections.....\$40.00
8-Foot, 3 Sections.....42.50

No. 75a Syracuse Steel Tray Mortar Wheelbarrow



Price.....\$7.25

Buch's No. 1 Wheelbarrow



Price.....\$8.50

Buch's No. 1 Barrow is a strong, roomy wheelbarrow for farmers' use. The frame is seasoned hardwood, painted red. Size of body: 30 inches long, 24 inches wide in front, 25 inches in back. Sideboards: 12 inches high, 30 inches long. Handles: 5 1/2 feet long, 2 1/2 x 1 1/2 inches. Wheel: 22 inches diameter, 6 spokes; hub, 3 inches diameter in center, 2 inches at ends. Back and legs put together by joint bolts. Shipped knocked down unless otherwise instructed. Weight, 60 pounds.

Buch's No. 2 Wheelbarrow

Price.....\$7.50

A durable, neat Garden Barrow. Size of body: 28 inches long, 20 inches wide in front, 24 inches wide at back. Sideboards: 27 inches long, 12 inches high. Handles: 5 feet long, 2 1/2 x 1 1/2 inches. Wheel, 20 inches diameter, 6 spokes. Weight, 50 lbs.

Buch's No. 3 Wheelbarrow

Price.....\$7.00

No. 3 Wheelbarrow is same style exactly as No. 2, only smaller. Size of body: 26 inches long, 19 inches wide in front, 22 inches wide at back. Sideboards: 26 inches long, 12 inches high. Handles: 58 inches long, 2 1/2 x 1 1/2 inches. Wheel: 20 inches diameter, 6 spokes. Weight, 50 lbs.

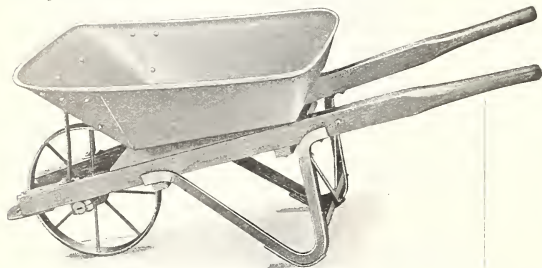
Buch's Contractors' Barrows

No. 17B—Price.....\$7.25

Our No. 17B is built to meet the demand for a riveted tray. The trays are made from a single sheet of annealed steel, pressed cold, lapped and riveted at the corners, thus giving extra strength where strength is most needed.

Handles of hardwood and have flat steel brace around front of wheel for strength and front dumping.

Steel wheel, 16-inch diameter, 1½ x 5/16 inch tire; eight ¾ inch oval spokes.



The Letz, America's Leading Feed Mill

FOR 2 TO 6 HORSEPOWER

No. 6—Price.....\$30.00

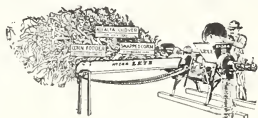
Capacity, bushels per hour, grinding ear corn medium fine, at 70 pounds to the bushel.



H. P.	R. P. M.	Capacity.
2	500	6 to 9 bus.
3	700	10 to 15 bus.
4	750	14 to 18 bus.
5	800	16 to 20 bus.
6	850	18 to 25 bus.
No. 11IX—Price.....\$55.00		

H. P.	R. P. M.	Capacity.
4	400	12 to 16 bus.
6	600	20 to 25 bus.
10	750	30 to 40 bus.
15	850	35 to 50 bus.
No. 210—Will Grind Shucks.		
Price.....\$80.00		

Letz-Dixie Mixed Meal Maker



Capacity of No. 130 in Pounds per Hour

	Medium Grinding.	
	10 H. P.	20 H. P.
Ear Corn	2100	4500
Oats	1100	2200
Rye	1200	2600
Alfalfa or Clover Hay	900	1800
Sheaf Oats and Straw	900	1800
Corn Stalks with Corn	1200	3000
Kaffir Corn Heads	1000	3300
Soybeans and Pea Hay	1000	2000
Ear Corn with Shuck	1500	3500

No. 150—Price.....\$185.00

No. 180 Silo Filler.....60.00 Extra

No. 180 Ensilage Deflector.....15.00 Extra

Our Handy Steel Wheel Farm Trucks



With 3¼ x 10 Skeins.
Capacity, 4,000 lbs.
Price.....\$50.00

With Yoke and Double-tree, \$5.00 extra.

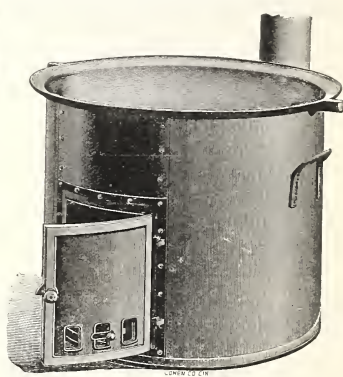
Wagner Boiler and Feed Cooker

Made of heavy cold rolled steel. Extra large feed door; malleable iron handles, firmly riveted on; strong, durable, economical, and cheapest feed cooker on the market.

This is the original low down Feed Cooker. Others have imitated, but none have equalled it in durability of construction.

There are more of these Feed Cookers in use than all imitations put together.

The Kettles are of smooth, heavy cast iron, and will last a lifetime. Door, frame and flue collar cast iron.



No. 1583—30 gallons.	Price, each.....	\$19.50
No. 1584—35 gallons.	Price, each.....	21.50
No. 1585—40 gallons.	Price, each.....	22.50
No. 1586—50 gallons.	Price, each.....	28.50
No. 1587—55 gallons.	Price, each.....	31.50
No. 1588—65 gallons.	Price, each.....	35.00
No. 1589—75 gallons.	Price, each.....	40.00

Chattanooga Plows

No. 62—One Horse.....	\$10.25
No. 63—Heavy One Horse.....	15.50
No. 64—Medium Two Horse.....	17.50
No. 65—Regular Two Horse.....	20.00
No. 66—Three Horse.....	23.00
Add \$2.00 to above prices for Gage Wheels and \$.50 for Jointers.	



Chattanooga Plow.

Ball-Bearing Grindstone

No. 300

One of the strongest built, and is practically indestructible.

Price, each.....\$8.50

Thornhill Push Cart

Made of best material. Strong and durable.
Depth of body, 9 inches. Width of body, 32 inches. Length of body, 39 inches. Wheels, 36 inches high. 1½ inch Tire. 1 inch Axle.

Price.....\$17.00

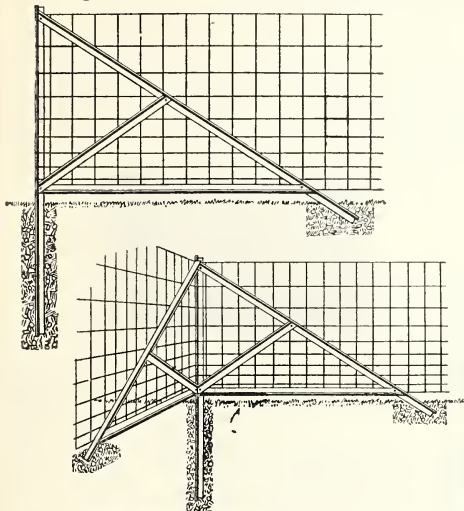
Thornhill Farm Gear

Made of strong, substantial material. Will run light enough for two small horses, and is strong enough for two large ones. Steel axles, capacity 3,500 lbs.

Regular Equipment—Wheels, 32 in. and 36 in high. Tire, 3 x ¾ inch. Drop Tongue and Club Stakes.

Price.....\$70.00

"Quick-Set" Steel Fence Posts



WHY QUICK-SET POSTS ARE BEST

They are made of elastic, carbon angle steel—the strongest and toughest post material.

They have more strength for their weight than any other form, and heavy enough to resist inroads of rust for more than a generation.

They do not break off, bend over, rot out, or burn up. They permit you to burn the fence row and destroy insect pests.

They are the easiest and quickest posts to set ready for the fence. They are so strong and tough that you need no cap for driving them.

They are the only posts for replacing decayed posts in old fences. They save the ugly job of digging holes besides woven or barb wire.

They save your stock by grounding the lightning before it reaches them. They also keep lightning from burning the galvanizing from whole strands of wire fence. Quick-Set Ends and Corners save about two and a half feet of fencing that is required to wrap about a large wood post.

72-inch Post.	Price.....	\$.45
84-inch Post.	Price.....	.50
96-inch Post.	Price.....	.60
End or Gate Post, 72-inch.	Price.....	2.75
End or Gate Post, 84-inch.	Price.....	3.00
End or Gate Post, 96-inch.	Price.....	3.25
Corner Post, 72-inch.	Price.....	4.00
Corner Post, 84-inch.	Price.....	4.25
Corner Post, 96-inch.	Price.....	4.50

Pittsburgh Columbia Hinge-Joint Steel Wire Fence

Basic open hearth steel wire, heavily super-zincated to resist rust and corrosion, is fabricated into fence with the well known "Columbia" Hinge-Joint that grips with grit. The strong, flexible stay wires that extend from top to bottom of the fence are of the same size as the line wires, giving the fence uniform durability.

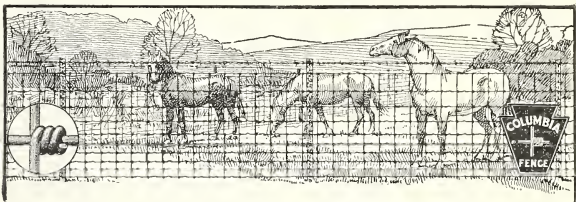
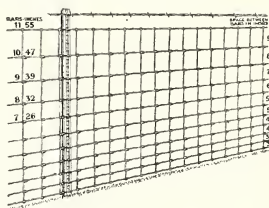
No. 12½ GAUGE

The No. 12½ Gauge Fence makes a very substantial and durable live stock enclosure. The several styles listed meet a variety of farm needs in a satisfactory and economical manner.

The top and bottom wires are No. 10 Gauge, all other wires No. 12½ Gauge.

		Height.	Between Stays.	Price, Per Rod.
No. 1155	11 bars	55 ins.	12 ins.	\$ 50.
No. 1047	10 bars	47 ins.	12 ins.	.43
No. 832	8 bars	32 ins.	12 ins.	.37
No. 726	7 bars	26 ins.	12 ins.	.33
No. 1155	11 bars	55 ins.	6 ins.	.70
No. 1047	10 bars	47 ins.	6 ins.	.60
No. 832	8 bars	32 ins.	6 ins.	.45
No. 726	7 bars	26 ins.	6 ins.	.38
No. 939	9 bars	39 ins.	12 ins.	.49

We can furnish above Fence in No. 11 Gauge, or all No. 9. Prices on application.



Barbed Wire Fence

CATTLE BARB WIRE. 6 inches between barbs. Per lb. . . \$.05

HOG BARB WIRE. 4 inches between barbs. Per lb.05

TWO-STRAND TWIST WIRE. Per lb.05

No. 9 and 10 PLAIN GALVANIZED WIRE

25 lbs. \$1.75 50 lbs. \$3.00 100 lbs. \$5.00

Diamond Mesh Poultry Netting

The wire we offer is No. 20, double twist, 2-inch mesh, thoroughly galvanized. Sold in bales of 150 running feet. Galvanized after weaving.

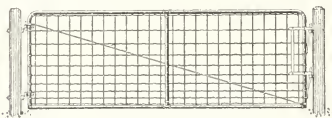
	Width, Inches.	Sq. Ft.	Price.
No. 20	12	150	\$1.35
No. 20	18	225	1.90
No. 20	24	300	2.50
No. 20	36	450	3.80
No. 20	48	600	4.40
No. 20	60	750	5.50
No. 20	72	900	6.65

ONE-INCH MESH, Galvanized After Weaving

	Width, Inches.	Sq. Ft.	Price.
No. 20	12	150	\$3.00
No. 20	18	225	4.35
No. 20	24	300	5.50
No. 20	36	450	7.75
No. 20	48	600	10.15
No. 20	60	750	12.75
No. 20	72	900	15.75

SUPER-ZINCED FENCES

Pittsburgh Perfect Drive Gates



Our drive gates are of exceptionally rigid construction, and will not sag nor weaken. They are covered with Pittsburgh Perfect or Columbia Fence, made of all No. 9 gauge wires, producing a neat, effective and durable unit. Prices include fittings for wood posts. Steel post fittings, extra.

Made in three styles: Single Drive and Double Drive with ornamental tops and covered with Pittsburgh Perfect No. 9 Ornamental Double Scroll Lawn Fence, and Single Drive with plain top and covered with Pittsburgh Perfect or Columbia No. 9 Farm Fence.

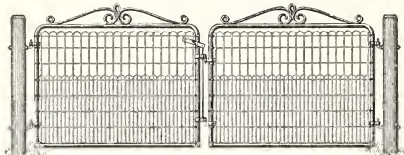
SPECIFICATIONS

SINGLE DRIVE No. 9 JUMBO FENCE—Plain Top Only

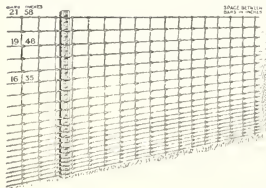
Width of Opening.	Gate.	Approximate Weight.	Price.
10 feet	48 inches	73 pounds	\$8.00
12 feet	48 inches	82 pounds	9.00

Double Drive, \$1.00 per Gate additional.

DOUBLE DRIVE DOUBLE SCROLL LAWN FENCE Ornamental Top



Width of Opening.	Height of Gate.	Approximate Weight.	Price.
10 feet	36 inches	95 pounds	\$11.00
10 feet	42 inches	100 pounds	12.00
10 feet	48 inches	106 pounds	12.75
12 feet	36 inches	100 pounds	12.00
12 feet	42 inches	109 pounds	13.00
12 feet	48 inches	117 pounds	14.00



Pittsburgh Columbia Hinge-Joint Poultry and Garden Fence

No. 14 1/2 GAUGE

If every housewife realized the convenience of having a garden and some poultry there would be few back yards in town and suburban homes without these advantages. Think of the pleasure of having fresh vegetables out of your own garden and new-laid eggs or tender fried chicken of known origin! The Columbia "Super-Zinc" Poultry Fence makes possible this pleasure and economy. Columbia Fence is a flexible hinge-joint fabric, chicken-tight, and strong enough to keep out hogs and other farm animals. Wherever a fence must stand severe usage you will find that Columbia Fence fills the need in a most satisfactory manner.

No. 14 1/2 GAUGE COLUMBIA FENCE

2360	60 inch	6-inch Stay	10-Rod Roll	\$7.00
2048	48 inch	6-inch Stay	10-Rod Roll	5.90
2672	72 inch	6-inch Stay	10-Rod Roll	8.00

The Flower Fence

PROTECTION FOR FLOWERS AND SHRUBS

16-inch Flower Fence.	Per foot.....	\$.08
22-inch Flower Fence.	Per foot.....	.09

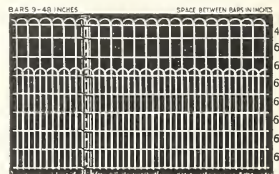
Here is an effective way to protect your flower beds without marring their beauty. The neat and attractive design of the flower fence with its heavy wire solidly welded together gives permanent protection and beauty.

The Flower Fence is easily put in place simply by pushing the ends of the stiff picket wires into the ground.

The Perfect Lawn Fence

The Lawn Fence illustrated and described here gives the privacy and protection desired for every lawn. It commands respect for your property rights, keeps out dogs, chickens and other trespassers, and extends your home to the property line.

This double scroll fence, we believe, is the most distinctive lawn fence made. Its attractiveness is due in a large measure to its freedom from twists, coils, crimps and other unsightly intricacies of design. It is made of heavy wires, neatly and solidly



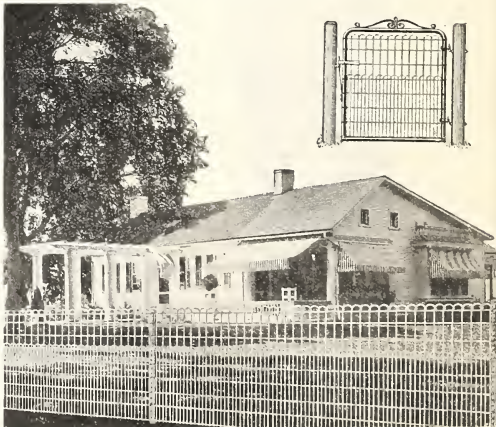
joined into a trim, rigid fabric. "Super-Zinc" wire is used throughout, insuring great durability.

The wires are spaced only 1 1/2-inch apart, making the fence non-climbable and keeping out the smallest animals and chickens.

No. 9 GAUGE

	Height.	Upper Space.	Lower Space.	Price Per Ft.
No. 524X—150 ft. Rolls	24 inch			\$.12
No. 736X—150 ft. Rolls	36 inch	2 1/2	1 1/2	.14
No. 842X—150 ft. Rolls	42 inch	2 1/2	1 1/2	.15
No. 948X—150 ft. Rolls	48 inch	2 1/2	1 1/2	.16
Less than full Rolls, add	2c per foot.			
Single Scroll Lawn Fence, 24 inch high.....				.09

Pittsburgh Perfect Walk Gates

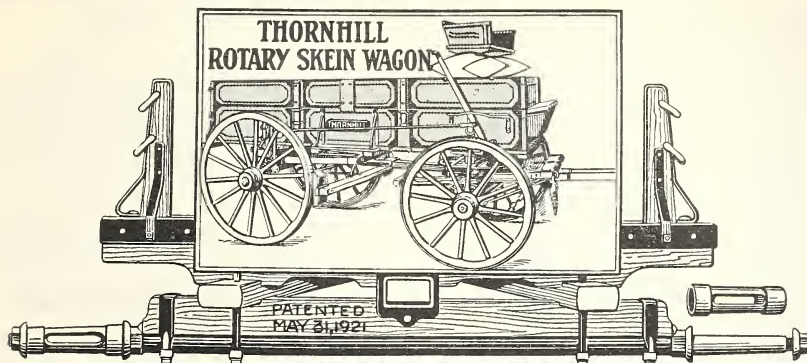


The finishing touch to the lawn inclosure is a gate, which should incorporate rigid construction, durability, neatness, ease of hanging and ease of operation. These points are offered in Pittsburgh Perfect Gates.

The qualities combined in Pittsburgh Perfect Gates include rigid construction, durability, neatness, ease of hanging and ease of operation.

3 foot Opening—36 inches high.	Price.....	\$3.75
3 foot Opening—42 inches high.	Price.....	4.00
3 foot Opening—48 inches high.	Price.....	4.50
3 1/2 foot Opening—36 inches high.	Price.....	4.00
3 1/2 foot Opening—42 inches high.	Price.....	4.50
3 1/2 foot Opening—48 inches high.	Price.....	5.00
4 foot Opening—36 inches high.	Price.....	4.50
4 foot Opening—42 inches high.	Price.....	5.00
4 foot Opening—48 inches high.	Price.....	5.25

The "Thornhill" Rotary Skein Wagon



The "THORNHILL" Rotary Skein Wagon requires less horse power, less attention, less up-keep and carries much larger loads.

The light draft is not an accident, but is due to the application of scientific principles in wagon construction.

It is a master stroke in wagon building—the result of years of experience and experimenting.

This wagon has every advantage found in any high-grade wagon, and many special features peculiar to itself.

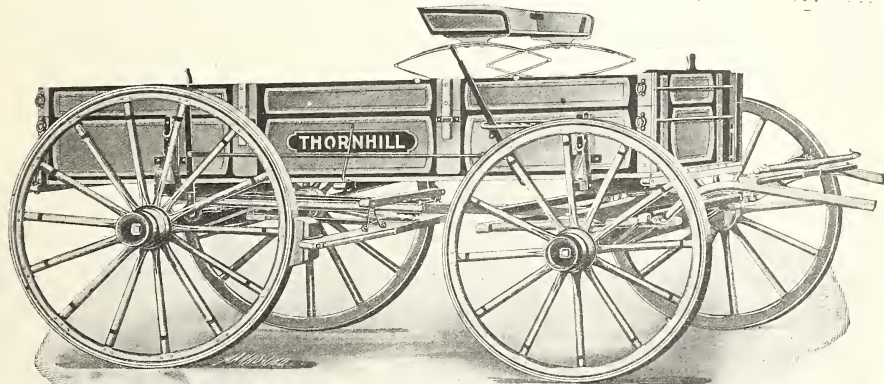
The "THORNHILL" Rotary Skein Wagon has no equal anywhere at any price.

MADE IN FOUR SIZES AND DIMENSIONS AS FOLLOWS:

SIZE	SPINDLE	CAPACITY	SIZE OF TIRE	HEIGHT		DIMENSIONS OF BED—OUTSIDE					PRICE
				Front.	Rear.	Length.	Width.	Depth.			
Light	1½ x 8	2,000 lbs.	2¾ x ¼	40 ins.	44 ins.	10" 0'	42 ins.	12 ins.	8 ins.		\$142.50
Medium	2 x 8½	3,000 lbs.	2½ x ¾	40 ins.	44 ins.	10" 0'	42 ins.	14 ins.	10 ins.		165.00
Standard	2¼ x 10	4,000 lbs.	2¾ x ¾	40 ins.	44 ins.	10" 0'	42 ins.	14 ins.	12 ins.		170.00
Heavy	2½ x 11	5,000 lbs.	2 x ¾	40 ins.	44 ins.	10" 0'	42 ins.	16 ins.	12 ins.		190.00

Thornhill One-Horse Thimble Skein Farm Wagon

THE MOST EFFICIENT WAGON EVER MADE



SIZE OF SKEIN	SIZE OF TIRE	HEIGHT OF WHEELS		DIMENSIONS OF BED—OUTSIDE					CAPACITY	PRICE
		Front.	Hind.	Length.	Width.	Depth.				
3¾ x 7½ ins.	1¼ x ¾ ins.	3 ft. 4 ins.	3 ft. 8 ins.	7 ft. 6 ins.	3 ft. 4 ins.	Bottom.	Top.	10 ins.	1,200 lbs.	\$81.50
2½ x 8 ins.	1¾ x ½ ins.	3 ft. 4 ins.	3 ft. 8 ins.	8 ft. 6 ins.	3 ft. 4 ins.	Bottom.	Top.	10 ins.	1,500 lbs.	85.00

Thornhill One-Horse Steel Axle Farm Wagon

Size of Skein—1¼ x 7 ins. Size of Tire—1¼ x ¾ ins.

Height of Wheels—Front, 3 ft. 4 ins.; Hind, 3 ft. 8 ins.

Capacity—1,200 lbs. Price, \$85.00.

Dimensions of Bed, Outside: Length—7 ft. 6 ins. Width—

3 ft. 4 ins. Depth—Bottom, 10 ins.; Top, 5 ins.

Deduct \$5.00 from One-Horse Wagon if Brake is not wanted.

ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

Wood Pumps

PRICES OF
PUMPS
FITTED
COMPLETE
With and
Without
Porcelain
Cylinder

Depth of Well.	6x6 Lined.	7x7 Lined.
10 Feet	\$13.90	\$16.00
12 Feet	14.50	16.75
14 Feet	15.00	17.25
16 Feet	15.40	17.40
18 Feet	16.05	18.15
20 Feet	16.50	18.60
22 Feet	17.40	19.80
24 Feet	18.20	21.90
26 Feet	21.24	24.57
28 Feet	23.05	27.00
30 Feet	25.80	28.15
32 Feet	29.50	31.90
34 Feet	34.10	36.50
36 Feet	39.50	41.85
38 Feet	44.90	46.45

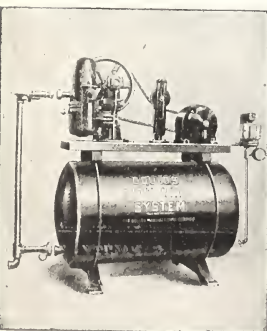
Gould's Autowater Systems

FOR HOME AND FARM WATER SUPPLY

Outfits X-210, X-420
and W-4

The Outfit X-210 Autowater System is an independent water supply system — a complete unit, assembled and ready for immediate connection to house piping and electric wiring. Current supplied under pressure automatically at the rate of 150 gallons per hour.

Outfit X-420 is designed and built similarly to our Outfit X-210, except that it is furnished with a 420-gallon pump and a 1/3 H. P. electric motor.



Outfit X-210 and X-420

Outfit X-210	\$125.00
Outfit X-420	145.00

Goulds "Empire" Double-Acting Force Pumps

Price, each.....\$22.50

Goulds "Star" Anti-Freezing Lift Pumps

Brass Cylinder. Price, each.....\$11.00
Iron Cylinder. Price, each..... 9.00

A medium-priced Well Lift Pump as described above adapted for outdoor cisterns and dug or drilled wells. The lever and rod are connected with a cross-head and bolt.

Goulds Pitcher Spout Pumps

Price, each.....\$3.75

Tubing and Miscellaneous

4x4, 10 feet long and under, per foot.....	\$.30
4x4, over 10 feet, per foot.....	.32
6x6 Extension Tubing, per foot.....	.80
Cylinder Block, Porcelain Lined, 3 feet long.....	4.96
Cylinder Block, Porcelain Lined, 4 feet long.....	5.70
Cylinder Block, Porcelain Lined, 5 feet long.....	6.50
Cylinder Block, Porcelain Lined, 6 feet long.....	7.30
Cylinder Block, Porcelain Lined, 7 feet long.....	8.10
Cylinder Block, Porcelain Lined, 8 feet long.....	8.90
6x6 Couplings for 4x4 Tubing.....	.90
Buckets, 5-inch, each, No. 00, \$1.75; 4-inch, each, No. 0.....	1.50
Buckets, 3 1/2-inch, No. 1, each, \$1.25; 3-inch, No. 2, each.....	1.00
Handle, any size, each, 40c; Handle Links or Knuckles.....	.50
Check Valves, per dozen.....	2.00
Iron Connection for Drive Wells, fitted for 1 1/2-inch and 1 1/4-inch iron pipe.....	1.50
Extra Iron Spout, with loose collar.....	.50
Extra Wood Spouts, each 20c; Extra Spout Braces, each.....	.40
Extra Bands, each.....	.15
Extra Ears or Brackets, Nos. 35 and 36, each.....	.50
1-inch Rod Couplings, pair.....	.50
Plunger Rod, per foot.....	.05

Complete Outfits Include:

Pump. — Goulds Fig. 1695 210 or 420 gallon, single acting outside packed, vertical plunger type. Automatic oiling.

Electric Motor. — 1/4 or 1/3 H. P. Repulsion Induction of standard make.

Idler. — Floating, requiring neither oiling nor other attention.

Belt. — 1-inch Flat Waterproof Leather. Made endless.

Base. — Heavy oak.

Air Attachment. — Simple construction, no springs.

Pressure Regulator. — Automatic, double-pole electric pressure regulator starts and stops motor. Set to start at 25 pounds and stop at 42 pounds.

Other Accessories. — Pressure gauge, spring controlled relief valve with piping between pump and tank.

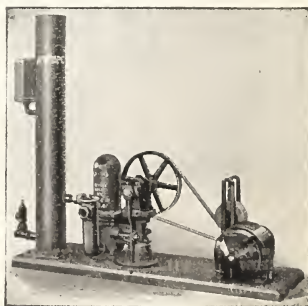
Tank. — Welded, steel, galvanized inside and outside. Capacity 32 gallons.

This electrically driven pumping outfit is for installation where water is desired direct from the well. The tank is not intended for storage but to act mainly as a cushioning chamber for the automatic regulator. The efficient design of this chamber and piping minimizes the possibility of water-logging which is one of the principal difficulties of all other small-tank, fresh-water systems.

With this exception Outfit W-4 is for the same service as Outfit X-210 shown above. The unit as furnished is completely assembled and ready for immediate connection to house piping and electric wiring.

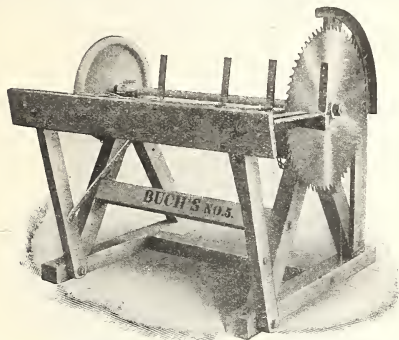
Outfit W-4\$97.50

Ask for Special Catalog on Water Systems.



Outfit W-4

Buch's No. 5 Cross-Cut Saw

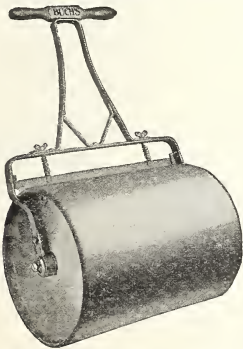


- No. 5—With 26-inch Saw.....\$32.50
 No. 7—Same as No. 5, with Table at side instead of front
 for sawing Poles, with 26-inch Saw.....37.00
 Frame—The frame is built of hard wood, mortised and tenoned, and full bolted.
 Mandrel—Cold rolled steel 1 7/16 inch round, 4 feet 4 inches long. Blade, 1 3/4 inch bore.
 Balance Wheel—Diameter, 20 ins.; weight, 65 lbs.
 Blades—Of dependable saw steel that have given universal satisfaction.
 Table—Firmly hinged to frame—thoroughly braced and reinforced.
 Pulley—6-inch diameter, 6-inch face.
 No. 4—Light Frame, with 22-inch Saw.....\$25.00

No. 6 Pole and Cord Wood Saw

Here is an exceptionally well built machine, suitable for cutting cord wood or poles, as it has two shafts, which permit placing the balance wheel below out of the way of poles. The mandrel, pulleys and balance wheel on this machine are the same as described on our No. 5 Saw. Every box is carefully babbitted. Weight, without blade, 310 lbs.
 Price, with 26-inch Saw.....\$39.50

Buch's Water Ballast Lawn Rollers



Fill with Water for Weight. Light Running.

Scraper to Keep Surface Clean.

Round Edge—No Tearing Up of Sod.

Handle Always Off the Ground.

Can be Filled with Either Water or Sand.

Adapted for Rolling Lawns, Golf Courses and Tennis Courts.

	Diam.	Length.	Empty.	Filled, Water.	Filled, Sand.	Price.
No. 601	14 ins.	24 ins.	60 lbs.	250 lbs.	400 lbs.	\$17.00
No. 602	18 ins.	24 ins.	85 lbs.	330 lbs.	475 lbs.	20.00
No. 603	24 ins.	24 ins.	100 lbs.	440 lbs.	630 lbs.	23.00
No. 604	24 ins.	32 ins.	135 lbs.	590 lbs.	850 lbs.	26.00

Kinkade Garden Tractor

SIMPLE POWERFUL RELIABLE WORKABLE

Economy in the Kinkade is not only expressed in first cost, in labor saved, and in operating expenses, but in the actual physical effort required on the man who runs it. In other words, one of the great big reasons why the production of truck crops has been costly, is that an enormous amount of back-breaking work has been necessary. This not only made the wages of hired help high, but their efficiency low. Furthermore, no single method of power, whether hand or horse, has been capable of doing ALL the work.

The original cost of the Kinkade tractor is about that of a good horse, and at the same time it has an adaptability much greater than that of any horse.

Also the operating expense is exceedingly low. Five cents an hour will amply cover all working expenses.

But the big saving is in the increased work done, with less physical effort. One man with the tractor has in many cases done as much work as four men with hand cultivators, and he will do his work better because he has the power which enables him to stick his plows down in the ground and work deep.

The tractor is a money-maker because a man can do his work rapidly and right, during those short periods when the soil is in ideal condition. "One cultivation at the right time is worth two too late."

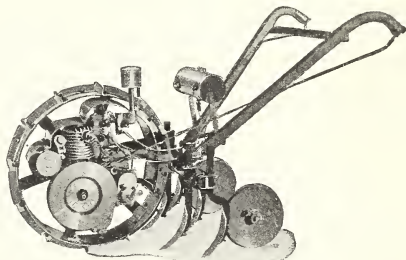
MOTOR—Own make. Four cycle. One cylinder, vertical type, 3-inch bore by 3-inch stroke. Push rods and rocker arms enclosed. All motors are factory tested to develop 3 1/10 H. P.

SPEED—600 to 1500 R.P.M. Travels from 1 to 2 1/2 miles hour.

CRANK CASE—Grey iron well ribbed. Transmission, clutch, cam shaft, timing gears, etc., all enclosed in unit crank case.

CARBURETOR—Automobile float type.

IGNITION—Dry cells and timer. Magneto can be attached without change to engine.



COOLING—Air cooled, by large cooling surfaces and fins on cylinder and cylinder head. Blower type, high speed, positive drive forge fan, forces continual stream of air on cylinder head and walls.

WEIGHT—181 lbs. WIDTH—8 ins. HEIGHT—22 ins.

LENGTH—24 ins. Length of handles, 3 ft.

WHEELS—Drive wheel 22-inch diameter by 5-inch tire.

DUST PROTECTION—Every moving part enclosed and run in oil. All air for carburetor taken from above the entire tractor, through Air Cleaner.

OILING SYSTEM—Splash, circulated by positive pump.

FUEL—Gasoline. One gallon fuel capacity. Sufficient for a full day's work.

DRAW BAR—Steel, located 10 ins. above ground.

TOOL BRACKETS—Adjustable for width, and location of tools.

HANDLES—Strong wood, horse drawn agricultural type, with good sized grips.

CLUTCH—Positive Jaw Type.

CONTROL—Clutch by motor-cycle grip on left handle. Throttle by positive grip on right handle.

STEERING—By handles, same as on a wheel hoe.

CLEARANCE—When used with over-the-row attachment for work astride the rows the clearance is 11 ins.

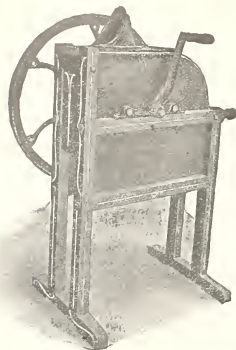
KINKADE GARDEN TRACTOR, Standard with Battery Ignition System\$190.00
 Including: Complete set of field lugs; draw bar; two castor wheels and axles; two castor wheel brackets; two straight tool posts; two staggered tool posts; set of four cultivating steels No. 1156; all necessary clamps and bolts.

Magneto Ignition System.....\$20.00

ALL PRICES IN THIS CATALOGUE SUBJECT TO CHANGE WITHOUT NOTICE.

Buch's Corn Sheller No. 3

ONE HOLE



Price\$14.50

Our No. 3 is our highest standard round end sheller. Made of hardwood. Joints mortised and fully bolted. It is strong, rigid and lasting.

The hopper is adjustable and takes almost any sized ear. It cleans the cob of all the grains, deposits the corn from the center, throws the cob out at end, and separates the chaff from the grains with a sieve.

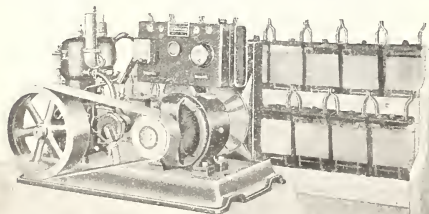
Weight, about 125 lbs. Capacity, about 125 bushels per day.

Buch's Corn Sheller No. 7

TWO HOLE

Price.....\$32.00

No. 7 is a two-hopper, left-hand sheller and is provided with adjustable shaker to separate the cob and chaff from the corn. It is made for hand or power use. Has a capacity by power of 500 to 600 bushels American corn in ears per day; by hand 200 bushels.

Cushman Farm Light and Power Plants

32, 60, 110 Volts Direct Current.
1 K. W. to 12½ K. W.

Battery Ignition—Less Battery.
Price.....\$325.00

Magneto Ignition—Less Battery.
Price.....\$360.00

Quotations on larger sizes on request.

Illustrating 1250-Watt 32-Volt Plant

STORAGE BATTERIES

32-Volt 16 Cells

P. O. B. Factory.

Rating.	
142AH	\$155.00
190AH	177.50
235AH	215.00
290AH	245.00

Detained literature on request, and special prices on complete plants.

Cushman Light Weight Quality Engine

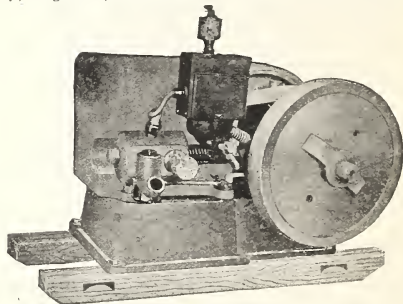
Manufactured by Cushman Motor Works.

Factory—Lincoln, Nebraska, U. S. A.
Eastern Branch—Norfolk, Virginia.

HORIZONTAL TYPES

1½, 2½ and 3 H. P.

Wico magneto; four cycle; light weight; throttle governed; sturdy; long lived; economical.



1½ Horse Power

1½ Horsepower	\$ 60.00
2½ Horsepower	80.00
3 Horsepower	110.00

Ask for Special Literature and Prices.

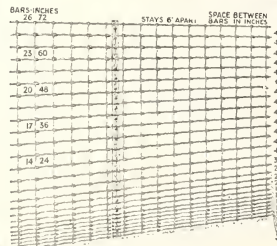
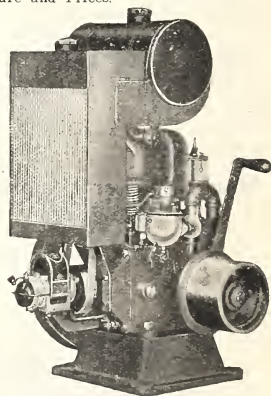
VERTICLE TYPES

4, 5, 8, 10, 15, 20 H. P.

Battery or high tension magneto; four cycle; light weight; all purpose engines. Especially adaptable for machines using applied power. Used on binders, potato diggers, fruit sprayers, and many other machines requiring light weight and high powered engines. Cut shows the famous Cushman 4-H. P. Unit Engine. Complete. 230 lbs.

Price

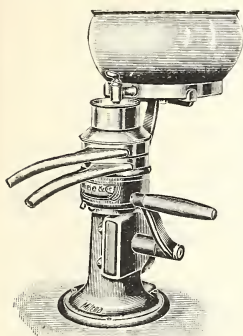
4 H. P.	\$155.00
5 H. P.	200.00
8 H. P.	270.00

**The New Columbia Chictite Fence**

No. 17 Gauge, Close Mesh

Not only are the line wires closely spaced in this Columbia Fence, but the stay wires are only four inches apart. A very popular and economical fence. Top and bottom wires No. 15½ gauge; all other wires No. 17 gauge.

Style No.	No. of Bars.	Height in Inches.	Inches Between Stays.
2672C	26	72	4
2360C	23	60	4
2048C	20	48	4
1736C	17	36	4



Bench Model.

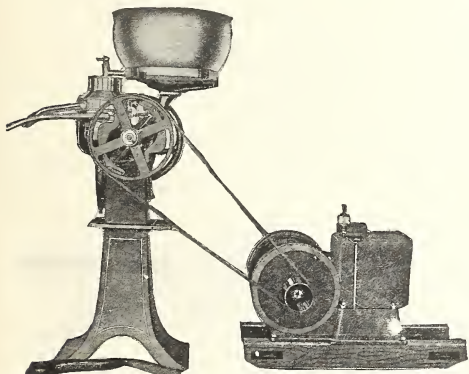
Miele Cream Separators

More and Better Cream.
Less Work to Clean.
Runs Easier.
Outlasts Every Other Machine.

Model.	Capacity Lbs. Per Hr.	Price.
*1	100	\$ 29.00
*2	200	36.00
*3	300	38.00
4	300-400	67.50
6	530-600	77.50
9	750-900	108.00
10	800-1000	120.00
12	1100-1200	130.00
14	1320-1400	145.00

*Bench Models without stand. Power or electric drive (exclusive of motor) on models 9, 10, 12, 14, \$25.00 additional.

Ask for Special Literature.



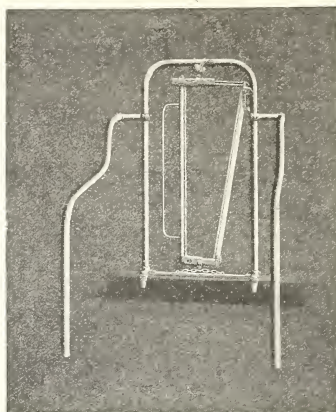
Showing No. 6 Miele Separator and 1 1/4 H. P. Cushman Engine.

**We Recommend Sterilizing
With "B-K"**

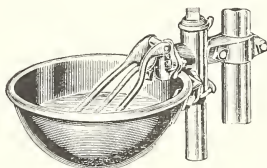
Star Unit Stalls

Each Star Unit Stall is a complete job in itself, assembled at the factory with the stanchion hung in the stall arch. Stall frame is a one-piece arch without clamps or corners; distinctive looking, strong and troubleproof. Stalls any desired width. Choice of 4 stanchions all adjustable in neck size with and without Sure Steps which prevent cow from sticking her head in the wrong place. Single or double chain bottom fastening for stanchion.

Price\$15.50



Star Water Bowl



Easiest for the cow to work. Let's cow drink at meals, between meals and at night—12 to 20 gallons of water a day—twice as much as when watered at tank.

Milk is 87% water. The cow that gets all the water she can drink gives all the milk she can produce.

Increase Milk Yield 20 to 30 Per Cent.

Valve opens and admits water when the cow rests her chin on slanting valve lever while drinking. Snaps shut when she lifts her chin. Works under any pressure and brings water as fast as the cow can drink it. No danger of sucking up air. Don't wait for winter; be ready for it by putting in Water Bowls now. Star Bowls are perfectly round, smooth as a tea cup inside. Working parts outside the bowl. Valve lever lifts up for cleaning. Valve made of brass. Can't corrode nor clog. Wears for years and years.

**Piped from Above or Below
Without Extra Fittings.**

Price, each\$3.60

Detachable Bowls If Desired.

Star Stanchions to Be Hung in Wood Frames

No. 486 Giant Star Adjustable wood lined steel stanchion. Heaviest and strongest stanchion on the market with double cow-proof lock. Wood lining embedded in U-bar uprights. Cannot possibly be forced off.

Price, each\$5.00

No. 1114-W Star Adjustable wood lined steel stanchion. Strong, heavy, wood lined stanchion with cow-proof lock.

Price, each\$4.00



Paints-Varnishes-**SO-E-ZY** FINISHES

WE ARE AUTHORIZED DISTRIBUTORS FOR

Standard-Plate PRODUCTS

PAINTS • VARNISH • GLASS

In Line With Our Old Policy

—We now are ready to service any Paint, Varnish, Enamel, Lacquer or Stain requirement—with products that are guaranteed to give you complete satisfaction.

Every surface needs paint or varnish protection to prevent rust or decay. Examine your standing property and arrange to protect that which is now in need of paint or varnish.

For your convenience, we carry in stock many different special paint products for special uses. House Paint, Floor Paint, Flat Wall Paint, Truck and Implement Paint, Auto Enamel and Varnish Stains. Ask for color card and our estimate on material cost for any work you have.

Guaranteed Quality Products

	Per Gal.
Standard Plate Prepared Paint.....	\$3.90
Standard Plate Floor and Deck Paint.....	3.70
Standard Plate Flat Wall Paint.....	3.00
Standard Plate Truck and Implement Paint.....	4.80

Greenhouse Glass

We can supply demands on any sizes in Single or Double Strength Greenhouse Glass. As this material fluctuates in price, please write us for current prices.

So-E-Zy Products

SO-E-ZY VARNISH STAIN—Make your scuffed floors look like new, refinish your furniture; the wood work throughout the house. Made in light oak, dark oak, mahogany, walnut, cherry, rosewood, natural. 1 Gal. cans, \$5.00; ½ gal. \$2.70; qts. \$1.45; pints 80c; ¼ pints 45c.

SO-E-ZY LINOLEUM VARNISH—Dries hard over night. One coat keeps all dirt from graining in and makes the floor easy to clean. Will double the life of linoleum. Qts. \$1.45; pints 80c.

SO-E-ZY ENAMELS—For all surfaces in the home. Has a high gloss and a beautiful finish. White, ivory, pure gray, light blue, pink, orange, pale blue, light brown. Gals. \$5.25; ½ gal. \$2.75; qts. \$1.45; pints 80c; ¼ pints 45c.

SO-E-ZY AUTO ENAMEL—Enables you to refinish your car at a very nominal cost and is extremely durable. Covers well, flows smooth and dries overnight. Black—Qts. \$1.60; pts. 85c. Also furnished in yellow, vermilion, auto gray, blue, auto green, auto red, rich green, at qts. \$1.85; pints \$1.00.

Star Brand Special

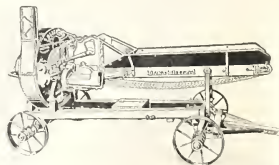
No. 18 Barn and Roof Red

A Leader That Deserves a Trial Order.

In 5-Gal. Steel Buckets. Per Gallon.....\$1.85
In 1-Gal. Easy to Open Cans. Per Gallon.....1.90

Dick's Blizzard Ensilage Cutters

New Models now obtainable, special features of the new model cutters are self-feed paddle roll feature which makes the cutter self feeding; oil case for clutch shaft fittings which eliminates unnecessary wear and assures user of proper oil; steel table apron with double rivet type attachment links which enable the table apron to run true at all times over the rollers. The new models are easy running, have a wonderful elevating capacity and on account of the freedom from trouble the machine is claimed second to none on the market today. Catalogue cheerfully mailed on request furnishing detailed information on the cutter claimed to be "Ten Years Ahead" by actual users.



PRICE LIST DICK'S "BLIZZARD" ENSILAGE CUTTERS

Following prices include regular equipment which means the following: 30 ft. blower pipe, deflector or hood for end of pipe, and an extra set of knives.

Throat.	Number.		On Skids.	On Truck.
9x 4 in.	L-18	Blizzard with regular equipment.....	\$148.00	\$182.00
11x 5 in.	M-21	Blizzard with regular equipment.....	174.00	208.00
11x 6 in.	R-211	Blizzard with regular equipment.....	187.00	221.00
13x 6 in.	R-133	Blizzard with regular equipment.....	232.00	267.00
15x 6 in.	R-155	Blizzard with regular equipment.....	279.00	314.00
11x 5½ in.	400	Blizzard with regular equipment.....	187.00	221.00
13x 6 in.	500	Blizzard with regular equipment.....	232.00	267.00
15x 7 in.	600	Blizzard with regular equipment.....	279.00	314.00
17x11 in.	S-71	Double Feed Blizzard with regular equipment.....		428.75
20x11 in.	S-91	Double Feed Blizzard with regular equipment.....		518.25

STIM--PLANT

PLANT STIMULANT TABLET

Produces immediate growth in all sorts of flowers and plants. The tablets may be placed at the roots where they dissolve and release their plant food, or can be dissolved in water at the rate of two tablets to each quart. A very convenient method for applying plant food in a concentrated form on potted or house plants. Per package of 30 tablets, 25c, postpaid.

Ground Lime Stone

HYDRATED AND OYSTER SHELL LIME

Prices on application.

Valuable for applying on Clover, Grass and Peanut crops. Particularly valuable to be used when preparing land for Alfalfa.



High-Grade Sheep Manure

This is the pure, natural manure saved from the stock yards, is thoroughly dried, pulverized and screened; is light and easily and quickly applied. It is free from weed seeds and a splendid fertilizing manure for all crops and especially for top dressing lawns and golf courses, shrubs and vegetables, also flowers and house plants.

For Lawns, Golf Courses, Country Greens and Fairways. It promotes strong, healthy growth and a bright green velvet turf. Ten pounds for each 100 square feet should be worked into the soil before seeding, or scatter broadcast over an old lawn, and wet down. No weeds. No litter—quick and pleasing results are certain.

2-lb. pkg.	.....\$0.15
5-lb. pkg.	......30
10-lb. pkg.	......50
25-lb. bag	.....1.00
100-lb. bag	.....2.75
Per ton	.....45.00

WE WILL CONTINUE TO BE HEADQUARTERS FOR

Swift's Red Steer Fertilizer

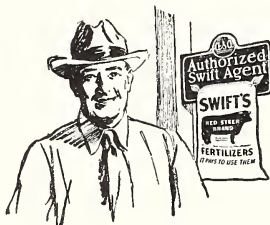
To Our Customers Who Have Used This BRAND, It Needs No Introduction—To Those Who Have Not, WE HIGHLY RECOMMEND IT

For TRUCK CROPS

10—5—0
7—6—5
5—8—5
2—8—5

For GENERAL CROPS

4—16—4
4—12—4
3—10—6
2—8—10
2—12—2



*look for
my sign*

MATERIALS

Blood
Tankage
Bone Meal
Raw Bone Meal
Acid Phosphate
Nitrate of Soda
Sheep Manure
Sulphate and
Muriate of Potash
Sulphate of Ammonia

QUALITY

RED STEER FERTILIZER is a product of well known quality—the mechanical condition is excellent—it drills freely. It gives splendid results in the field. Use it on all Crops.

SERVICE

Mail or phone your order to us, or drive up to our Warehouse and haul it home.

*Balderson's
Flower Seed
Offer*

One packet each of
four annuals shown,
25 cents,

or

Free with \$2.00 worth
of Flower or Garden
Seed if asked for
with order.



Double Carnation Flowered Poppy

Annual Sweet William